

19990716.qrp v01\_n520.qrl.990716

Date: Fri, 16 Jul 1999 19:05:28 EDT

From: qrp-l@Lehigh.EDU

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: QRP-L digest 1520

QRP-L Digest 1520

Topics covered in this issue include:

- 1) [45218] Re: Archived QRP-L CD and the Send button  
by "Phil Petsonk n6mly" <n6mly@arrl.net>
- 2) [45219] Re: W8KC QRP-L CD IMPORTANT MESSAGE  
by Bob Nielsen <nielsen@primenet.com>
- 3) [45220] Re: Lifes too short...  
by Peter Larsen <larsenp@cadvision.com>
- 4) [45221] Apology for Straying Far Off Topic  
by Bruce Kizerian <kizerian@ced.utah.edu>
- 5) [45222] Re: Attack of the Condo Commandos..  
by Bob Nielsen <nielsen@primenet.com>
- 6) [45223] The power of QRP  
by Bill B Lazure <n2tpa@juno.com>
- 7) [45224] Re: W8KC QRP-L CD IMPORTANT MESSAGE  
by Ed Lawson <elawson@lr.net>
- 8) [45225] ICs  
by Bob Liesenfeld <wb0poq@visi.com>
- 9) [45226] Re: Apology for Straying Far Off Topic  
by Pete Burbank <plburbank@kih.net>
- 10) [45227] Y2K compliant [was Re:QRP Banjo]  
by w4pj@w4bkx.ampr.org
- 11) [45228] Corrected W5KA Field Day QRP  
by "rohre" <rohre@arlut.utexas.edu>
- 12) [45229] Re: qrp-banjo joke!  
by John Harper AA5YX/2 <aa5yx@juno.com>
- 13) [45230] ? CW HF Grid Squares In August  
by "Chuck Carpenter" <w5usj@globeco.net>
- 14) [45231] Digest Users  
by "Chuck Adams K5F0" <adams@ticnet.com>
- 15) [45232] Re: Letter campaign needed  
by "Robert Roach" <KE4Q0K@worldnet.att.net>
- 16) [45233] Re: ICs  
by Francis Flynn <fflynn@together.net>
- 17) [45234] Re: out-of-call-district callsigns  
by Urolab@aol.com
- 18) [45235] Fw: Clothes Pen Paddle  
by "Randy Jouett" <rules@bellsouth.net>
- 19) [45236] Low Power Experiment

- by Ed Kessler <edkess@epix.net>
- 20) [45237] Re: Corrected W5KA Field Day QRP  
by Francis Flynn <fflynn@together.net>
- 21) [45238] Re: ICs  
by "Michael A. Newell" <wb4huc@texas.net>
- 22) [45239] If you don't try, you'll never know  
by Jeff Logullo <logullo@mindspring.com>
- 23) [45240] W8KC, QRP-L CD UPDATE!  
by "Paul R. Valko" <prvalko@oakland.edu>
- 24) [45241] Re: Low Power Experiment  
by RANDY0453@aol.com
- 25) [45242] Hello World?  
by barry kirkwood <bjk@ihug.co.nz>
- 26) [45243] Yagi Questions  
by Chris Cartwright Sr <ccart@phideaux.com>
- 27) [45244] Callsigns  
by Pete Burbank <plburbank@kih.net>
- 28) [45245] rig/kit review  
by Rod Davis <rdavis@abac.com>
- 29) [45246] RE: out-of-call-district callsigns  
by "Juan Jose Pastor Estornell" <juanjope@ctv.es>
- 30) [45247] Re: Life's too short ...  
by "Bob Tellefsen" <n6wg@earthlink.net>
- 31) [45248] More Picnic Pix on the CQC Web Site  
by "Marshall Emm" <mgemm@mtechnologies.com>
- 32) [45249] OHR-400 help needed!  
by "Joel Frederick Kluender" <nf9k@eudoramail.com>
- 33) [45250] Sierra 10M Module - help  
by Dick Schneider <rschneid@ix.netcom.com>
- 34) [45251] Re: ICs  
by Jim <w7ls@blarg.net>
- 35) [45252] Re: Life's too short ...  
by "Randy Jouett" <rules@bellsouth.net>
- 36) [45253] Loop Antenna Tuning Capacitor  
by Jerry Albertin <jalbertin@juno.com>
- 37) [45254] Re: Archived QRP-L CD and the Send button  
by Michael Bower <bowerm@ix.netcom.com>
- 38) [45255] Re: ? CW HF Grid Squares In August  
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 39) [45256] Re: Yagi Questions  
by Zack Lau <zlau@arrl.org>
- 40) [45257] Re: qrp-banjo joke!  
by "Bryan Turner" <turnerw@email.uah.edu>
- 41) [45258] Re: Loop Antenna Tuning Capacitor  
by Michael Maiorana <mikemo@ibm.net>
- 42) [45259] Life's too short  
by Bcieslak@ra.rockwell.com
- 43) [45260] Re: Life's too short ...

by "Bryan Turner" <turnerw@email.uah.edu>  
44) [45261] Fox Hunting  
by Fred J Kalt <w2xn@juno.com>  
45) [45262] Some 2N2/40 notes  
by "Alex Mendelsohn" <ai2q@ispchannel.com>  
46) [45263] Re: Life's too short  
by Michael Neverdosky <MichaelN@cycat.com>  
47) [45264] Laptop Help  
by "Benjamin F. Poinsett" <benmail@erols.com>  
48) [45265] RE:life's too short  
by dareid@Synopsys.COM  
49) [45266] Re: Life\'s too short ...  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>  
50) [45267] Re: Archived QRP-L CD and the Send button  
by Monte Stark <ku7y@dri.edu>  
51) [45268] RE: If you don't try, you'll never know  
by "Alex Mendelsohn" <ai2q@ispchannel.com>  
52) [45269] Re: out-of-call-district callsigns  
by Monte Stark <ku7y@dri.edu>  
53) [45270] RE: Loop Antenna Tuning Capacitor  
by "Alex Mendelsohn" <ai2q@ispchannel.com>  
54) [45271] Re: Life\'s too short ...  
by Monte Stark <ku7y@dri.edu>  
55) [45272] Not another one...  
by "David Maliniak" <dmaliniak@penton.com>  
56) [45273] Power/Antennas  
by Monte Stark <ku7y@dri.edu>  
57) [45274] QST - Milliwatting and Paddle  
by Brad Mugleston <bmug@gwl.com>  
58) [45275] Fw: Loop Antenna Tuning Capacitor  
by David S Byington <n0xes@juno.com>  
59) [45276] Question on "miles per watt" calculation  
by Mike <mmorrow@companet.net>  
60) [45277] FS  
by Elliott Lawrence <edl@pacbell.net>  
61) [45278] Re: Loop Antenna Tuning Capacitor  
by Bill Jones <kd7s@psnw.com>  
62) [45279] Re: [Re: out-of-call-district callsigns]  
by Michael Fletcher <kl7ixi@usa.net>  
63) [45280] K5FO QSO Last night  
by "Franco, Nicholas J" <franco@bnl.gov>  
64) [45281] RE: If you don't try, you'll never know  
by "Ed Tanton" <n4xy@att.net>  
65) [45282] Re: foxhunts?  
by "Paul R. Valko" <prvalko@oakland.edu>  
66) [45283] RS DSP For Sale  
by Ron <rong@slip.net>  
67) [45284] Re: Question on "miles per watt" calculation

- by Zack Lau <zlau@arrl.org>
- 68) [45285] FS - DSP, Tuner  
by Andy Fox <foxes@theriver.com>
- 69) [45286] Re: Life's too short  
by Jim Lowman <jmlowman@ix.netcom.com>
- 70) [45287] Re: Loop Antenna Tuning Capacitor  
by Michael Maiorana <mikemo@ibm.net>
- 71) [45288] CW HF Grid Squares In August  
by Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>
- 72) [45289] RS DSP Sold  
by Ron <rong@slip.net>
- 73) [45290] ohr-400 problems/clues!  
by "Joel Frederick Kluender" <nf9k@eudoramail.com>
- 74) [45291] Friday Reminder, CQC Sprint (Gold Rush) Sunday  
by "Marshall Emm" <mgemm@technologies.com>
- 75) [45292] Re: Attack of the Condo Commandos..  
by "Carl Zmola" <zmola@campbellsci.com>
- 76) [45293] RE: Life's too short ...  
by "Kory Hamzeh" <kory@avatar.com>
- 77) [45294] milli watt measuring  
by hamjoel@juno.com
- 78) [45295] Testing  
by "Jerry Decker" <n5rv@hex.net>
- 79) [45296] Re: Testing  
by "Jerry Decker" <n5rv@hex.net>
- 80) [45297] Re: out-of-call-district callsigns  
by ac5ez@webtv.net (Larry B)
- 81) [45298] 72  
by ac5ez@webtv.net (Larry B)
- 82) [45299] Re: French QRP  
by David J Adams <adamsclan@netgate.net>
- 83) [45300] 2N2/40 progress  
by K2UD@aol.com
- 84) [45301] RE: Life's too short ...  
by Monte Stark <ku7y@dri.edu>
- 85) [45302] Ham Home Pages Needed .....  
by "Andy GM0NWI" <gm0nwi@tesco.net>
- 86) [45303] Re: Loop Antenna Tuning Capacitor  
by "William R. Colbert" <af852@rgfn.epcc.edu>
- 87) [45304] NIR-12 Spoken For  
by Andy Fox <foxes@theriver.com>
- 88) [45305] A bit o' publicity for the Ft Tuthill QRP Symposium!  
by "Ed Hare, W1RFI" <w1rfi@arrl.net>
- 89) [45306] QRO Gear - 2nd try  
by "Jerry Decker" <n5rv@hex.net>
- 90) [45307] 72  
by ac5ez@webtv.net (Larry B)
- 91) [45308] Fairchild Website - Cool!

- by "Joel Frederick Kluender" <nf9k@eudoramail.com>
- 92) [45309] Re: QRO Gear - 2nd try  
by "Jerry Decker" <n5rv@hex.net>
- 93) [45310] Need SWL Progam List  
by applitech@mcg.net (Claton Cadmus)
- 94) [45311] Grounds?  
by "Dennis & or Jennie" <denjen92@net-link.net>
- 95) [45312] GET Grid Squares This way:  
by Ed Loranger <we6w@qsl.net>
- 96) [45313] David Donaldson  
by David J Adams <adamsclan@netgate.net>
- 97) [45314] Re: Loop Antenna Tuning Capacitor  
by Arjen Raateland <Arjen.Raateland@vyh.fi>
- 98) [45315] Testing  
by "Randall K. Kennard" <Firefox@Southwind.Net>
- 99) [45316] PSK-31- V1.07  
by John R Kirby <n3aaz-qrp@juno.com>
- 100) [45317] Trio/Kenwood R2000 enquiry...  
by "Andy GM0NWI" <gm0nwi@tesco.net>
- 101) [45318] Re: Life\'s too short ...  
by Brian Short <bshort@speedchoice.com>
- 102) [45319] Re: Grounds?  
by "Steve Yates, AA5TB" <aa5tb@swbell.net>
- 103) [45320] Re: Life's too short ...  
by Peter Larsen <larsenp@cadvision.com>
- 104) [45321] Pssst, buddy. Gotta spare ICF-6800W?  
by Ed Loranger <we6w@qsl.net>

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Date: Thu, 15 Jul 1999 19:24:22 -0400  
From: "Phil Petsonk n6mly" <n6mly@arrl.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [45218] Re: Archived QRP-L CD and the Send button  
Message-ID: <001701becf19\$42342c00\$25601004@phil>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Dear Nick,

Hey, you've hit on it. All anyone has to do when posting an off-reflector-subject message (such as banjos) is put the words "off-subject" in the 'Subject:' field. Then I can set my filters to automatically place it in a different folder (such as 'Deleted'. Humor is ok but on a high volume reflector like this something like

that is really needed.

Phil, n6mly

----- Original Message -----

From: Nick Kennedy <nkennedy@cswnet.com>

To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>

Sent: Thursday, July 15, 1999 6:26 PM

Subject: Re: Archived QRP-L CD and the Send button

I sort of thought the same thing when looking at the archives. It also makes you appreciate the value of having a subject line that actually has something to do with the message content.

It would be nice if we could put some kind of special code on the subject line which would cause the archiving doohickey to skip the message.

72,

Nick, WA5BDU

>I don't know about anyone else, but this CD sure makes me re-think my posts  
>before I hit that "Send" button. All those flames, stupid remarks, off  
>topic posts, mine and everyone elses are there, preserved for posterity.

>

>That's kinda scarey isn't it?

-----  
NetZero - We believe in a FREE Internet. Shouldn't you?  
Get your FREE Internet Access and Email at  
<http://www.netzero.net/download/index.html>

-----  
Date: Thu, 15 Jul 1999 16:41:14 -0700  
From: Bob Nielsen <nielsen@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [45219] Re: W8KC QRP-L CD IMPORTANT MESSAGE  
Message-ID: <19990715164114.F726@bob>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

On Thu, Jul 15, 1999 at 01:27:37PM +0000, Roger Hightower wrote:  
> Chuck Adams writes: "Thanks. I still haven't gotten an answer why  
> the R/W CD's don't work in place regular CDs in old drives and

> Walkman-type audio players."  
>  
> According to Hewlett-Packard, who made the CD-writer I use, CD-RW discs  
> can only be read by a true multiRead CD-ROM with UDF reader. \_Most\_  
> internal CD-ROM drives in computers, boom boxes, walkmans, etc. are not  
> MultiRead drives. That's why I warned listers to send me only CD-R  
> discs to copy the archives to. Haven't received any complaints yet, so  
> I guess that works.  
>  
> FYI, I made up an audio CD with some of my favorites, using the HP-8110  
> writer. The CD would play in my Pioneer CD in the Jeep, but not in my  
> boombox (Sony), the home system (Fisher) or the XYL's 1998 Honda.  
> Wouldn't play in the CD player in my new Dodge truck, either. Don't know  
> why. It seems that there are very few "standards" in the CD-ROM  
> industry.

I recall seeing on another list a comment that a higher intensity of the  
laser is required to read the CD-RW disks and some older drives and  
players don't quite make it.

Bob

--

Bob Nielsen	Internet: nielsen@primenet.com
Tucson, AZ	AMPRnet: w6swe@w6swe.ampr.org
DM42nh	<a href="http://www.primenet.com/~nielsen">http://www.primenet.com/~nielsen</a>

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Date: Thu, 15 Jul 1999 23:57:25 +0100  
From: Peter Larsen <larsenp@cadvision.com>  
To: kd1jv@moose.ncia.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45220] Re: Lifes too short...  
Message-ID: <378E6755.98C6B214@cadvision.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Steven Weber wrote:

> Plus, there's a good chance there will be a bunch of  
> those weak signals trying to get back to you.

One of the best ways to control a pile up is to be running  
power. Yes I do have a 3-500ZG sitting on my bench for

"crowd control" Yes I do a lot of QRP. I had 2 world records in the RAC contests for the QRP division. When you are running 750 watts (our legal limit) into a good antenna you do attract the little guys, I always call for QRP and mobiles separate from the general pile up.

I like it when some one says " you are the loudest signal on the band" to me.

OTOH I was in a pile up one day running 5 watts, two locals were also in the pile. They were running 100 watts. I figured I would call any ways and eventuality be heard. One call, the guy comes right back to me. "Right through the pile up, VE6NA0 you are 59. Nice signal"

De VE6NA0: "Thank you, you are 59 Alta. By the way I am also QRP."

DE VE4RAC: "How do you get such a good signal with QRP?"

DE VE6NA0: "Big aluminum up high works better than small aluminum down low"

DE VE4RAC: "Yup you are right, good luck in the test."

I will not limit my self by mode or power, I just have fun doing it!

BTW TH-6DXX @ 72 feet fed with 1/2 inch hard line works well.

Peter

VE6YC ex VE6NA0, VE6PJL, CH8MNP, CJ6CEXS.

-----  
Date: Thu, 15 Jul 1999 18:24:38 -0600  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [45221] Apology for Straying Far Off Topic  
Message-ID: <378E7BC5.E0E600F2@ced.utah.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Friends

I apologize for straying so far off topic. I was looking for banjo playing QRP enthusiasts. I think I have found them. There are more than you would ever guess. Please! Let's give the list back radio guys and communicate directly. Send the jokes directly to me. I have heard most of them, but I collect them.



Sorry again

Bruce kk7zz

"Strive for balance. Every left-brained person needs a right-brained hobby."

O. J. Nab

-----  
Date: Thu, 15 Jul 1999 17:45:14 -0700  
From: Bob Nielsen <nielsen@primenet.com>  
To: qrp-l@lehigh.edu  
Subject: [45222] Re: Attack of the Condo Commandos..  
Message-ID: <19990715174514.B1125@bob>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii

On Thu, Jul 15, 1999 at 02:22:31PM -0400, Mike Yetsko wrote:

> When I was looking to buy, a LOT of places had covenants. I guess  
> 'do-gooders' on councils pressured developers to put the covenants in  
> place. I walked from one place over a covenant. Where I bought with  
> my wife, and where I bought when we divorced, I made SURE there  
> were no covenants. I even specified in my P&S the contract was  
> with no covenants.

It's getting hard to find any new (last 20 years or so) developments without these kinds of restrictions and very tough to change them. I think the developers feel it makes their property more valuable or something.

I looked at one place (> 3 acres, plenty of room for antennas) and discovered that it had a 'no antennas' covenant. There were no restrictions on animals, however. I briefly considered giving up ham radio for pig farming.

Bob, w6swe

--

Bob Nielsen  
Tucson, AZ  
DM42nh

Internet: nielsen@primenet.com  
AMPRnet: w6swe@w6swe.ampr.org  
<http://www.primenet.com/~nielsen>

Gang,

Bill  
W2EB

>>>>>>>>>>>>>>>> Original Message <<<<<<<<<<<<<<<<

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Don't know
> why. It seems that there are very few "standards" in the CD-ROM
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> industry.

I don't think it is a question of few standards. It is a question of compliance with standards. I do not mean to denigrate the fine=20 efforts being made, but must add a comment. My son is one of these=20 cutting edge computer hackers as are many of his friends. To them,=20 the minimal system has at least 256 Meg, video systems which require their own cooling fans, etc. =20 They seem to have Cds of first run movies days after they are released=20 and all that.

Uniformly they refuse to have anything to do with RW units because of=20 the compatibility problems inherent in their use. I noticed that=20 Plextor, maker of very high quality CD units, recently introduced a RW=20 unit and they pointedly said it was in response to marketing hype=20 rather than to stay ahead on technical grounds.

Ed Lawson

-----  
Date: Thu, 15 Jul 1999 19:01:16 -0500  
From: Bob Liesenfeld <wb0poq@visi.com>  
To: QRP-L reflector <qrp-l@lehigh.edu>  
Subject: [45225] ICs  
Message-ID: <378E764C.6AF6EB88@visi.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gang,

Anyone know of a site where I can get a breakdown of the characteristics of the different types of IC logic families, ie, 74, 74LS, 74HCT, etc?

Tnx es 72

--  
Genuine E-mail From the Land of the Everlasting Icicle...  
Bob Liesenfeld  
wb0poq@visi.com

-----  
Date: Thu, 15 Jul 1999 21:28:43 -0400  
From: Pete Burbank <plburbank@kih.net>

To: unlisted-recipients;; (no To-header on input)  
Subject: [45226] Re: Apology for Straying Far Off Topic  
Message-ID: <3.0.32.19990715212738.0071ee4c@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

At 06:24 PM 7/15/99 -0600, you wrote:

>Friends

>

>I apologize for straying so far off topic. I was looking for  
>banjo playing QRP  
enthusiasists.....etc>  
>Bruce kk7zz

Bruce.

No need to apologize here. A little humor keeps life fun and  
maybe keeps some from taking the technical stuff too seriously.  
Remember the shot from the moon where the astronaut was wiping the  
camera lens and he peered in and asked Houston "Check your oil?"  
A chuckle here and there is IMHO truly human.  
Tnx 73 Pete NV4V

-----  
Date: Thu, 15 Jul 1999 21:30:15 EDT  
From: w4pj@w4bkx.ampr.org  
To: qrp-l@lehigh.edu  
Subject: [45227] Y2K compliant [was Re:QRP Banjo]  
Message-ID: <82944@w4bkx.ampr.org>

I resemble that remark!  
de (Scott) W4PJ

[Mastertone, Vega, \*AND\* homebrew - 5string Tenor \*AND\* plectrum...  
Mandolin, chromatic (and blues) harmonica... 6string Guitar...  
Colbane (late 1800's), Hohner, Guild - Gibson - Epiphone - Gianinni...  
C-Melody Saxophone...(no need to transpose)  
...All without E-lectrical devices... QRP?  
Don't look now, theres a Gibson and a (homebrew) Telebastard with  
curly wires leading to a Twin Reverb - ooops QR0?]

BTW...I had to give up playing the bagpipes for health reasons...  
They were going to kill me if I didn't stop! <g>

-----  
Date: 15 Jul 1999 20:40:03 -0500  
From: "rohre" <rohre@arlut.utexas.edu>

To: qrp-1@lehigh.edu

Subject: [45228] Corrected W5KA Field Day QRP

Message-ID: <n1280051244.2287@msmailgw1.arlut.utexas.edu>

All new hams REALLY need to learn to log and dupe if they are going to enter the "operating event" of Field Day, the biggest non contest event!

We tried to teach it before hand, and provided a familiarization day for anyone to come to a meeting and learn the equipment and procedures, but you get a lot of walk ins at Field Day itself and they do not know the procedure.

However, the smoke has cleared, and we now have our paper logs in order. We tried to keep computer logs, but funny how those guys with laptops, want to carry them off (with the owner)!

We had a battery powered Field Day, to max out our score as W5KA 2A, and want to thank Don KD5ANC, for use of his call for the Novice effort. Unfortunately, Don could not be with us all hours, and overnight the Novice position was not effectively manned for CW, so they only scored SSB 10M day contacts.

All stations used electric car batteries for the rigs, from some surplus we picked up from a local manufacturer in 1996.

For antennas, the SSB position of W5KA had two horizontal Vee beams, with 320 foot legs on each, one for N-S, One for NW-SE, which effectively covers the West Coast and Fla-SE states for us. New this year to that station was the use of a IDEZ antenna, which due to the higher solar conditions, became the workhorse, when the W-E Vee was skipping into CA two hours early, and was entirely skipping over the East Atlantic coast!

The IDEZ antenna, is my new favorite for all around North America working on Field Day, for it is an Inverted Double Extended Zepp, with 159 foot, 5/8 wave legs either side of the center feed point. The feedline was 450 ohm ladder line brought off away from the center which was tied on a 35 foot tower on a hill, which slopes down to the football field over which we ran the Vees with apexes on the same tower at 40 feet. This was really too high for the Vees minor lobes to give us high angle QSOs, we found. The Vees should have been back at 15 feet like the first year we used them.

Realizing we had hot conditions in the first hour, we switched to the IDEZ and never looked back. It was all that I had hoped, giving short skip, long skip, in state, and DX all from one nearly omni covering dipole like antenna. It was an inverted Vee dipole with gain, because of the long sides. Cut for 5/8 on 80M, the conditions on 80 just were not worth trying. But the extra length proved useful on 40 and up.

The best DX run was on 20M late at night. We were trying to work Hawaii, and

that station only wanted to work YLs. Then I took the mike, and I started a hunt and pounce excursion down the band. I found another Hawaiian, worked him and moved on. Next, I found Johnson Island, worked him, and moved. Then there was a Guam station, bagged him, and moved down. Finally down to the DX end and there was a lonely CQ from New Caledonia going unanswered! Thinking, why not, I called him with my mighty 3 watts or so output. "You are 5,9 OM", he replied, and I gave him a true 5,9 in return. Who needs QRO for SSB DX? Who needs a beam, when 14 ga. house wire will do this? We were running a balun output of a Dentron Super Tuner, from the Atlas TX 110/RX 110. We used an old Astatic ssb "bullet" mike and a hand mike part of the time. No speech processor, no dsp, no extra filters. Just to prove it could be done, I also found a clear frequency on the top end of 20M and did a QSO run there from a couple of CQ FD.

The SSB station and the Novices together got 116 QSOs on 10M ssb

On 15 M, we had 20 ssb

On 20M we had 156 ssb

On 40M we did 43 ssb, all overnite, and the amazing thing was we heard no interfering Broadcast heterodynes on 40M! The Vees had always skipped out so many hops, that you needed DSP on 40M at nite to null Europe out!

(Last year, we worked France QRP SSB, just to get another point!) Another plus for IDEZ, no BC QRM on 40M.

That was 335 SSB QSOs, times 5 giving a score of 1675 points. The Novices had a triband beam on 10M. The rest of it was the IDEZ wire antenna!

For CW, W5KA used an IDEZ dipole, and a N-S Vee beam on the crest of the hill, running fairly low to ground, but apex was at 30 feet on a tower. The legs of both IDEZ antennas were end to end, both E-W roughly.

W5KA CW contacts:

10M 66 QSOs

15M 124

20M 92

40M 19

For 301 QSOs, and times 10, for CW; gives their score of 3010

That will be a grand total entry of 4685 points, and we are sending in proof of 900 more bonus points, having sent more than 10 message relays, and only missing packet and satellite bonuses. We were short of manpower for packet contacts, but did a PSK 31 listening test, and an APRS demo. PSK 31 from Eastern Europe was very easily copied at night on a Vee beam!

It looks like W5KA will come in at 5585 points, which is an improvement over our 1998 score of 4290 points. As always, we could not find the bodies to man the ssb site for all 24 hours. But, the CW folks seem to draw an onlookers gallery! (It is amazing that there are those who "watch" cw, but will not try it, and some will not try SSB.)

And some put up antennas, but will not work a mike or key! Interesting how a "contest" atmosphere causes some hams to shy away from on air activity. Of course, I do not contest year round either, but do like to run a few Q's in DX contests to get countries I need.

I see our brothers in CO QRP club did quite well, and my hat is off to them. On an interesting note, we had another group locally, that did a QRO Battery effort (!!!), at 100 watts as W5TQ, with 6m, RTTY, and HF phone and they ran a vertical on 6m, and an all band HF vertical. They were a block away from us, and did 344 QSOs all modes, so they did not outscore the W5KA QRP!!! :-) However, they did mighty well on 6M with 78 QSOs! There was a huge opening of the band on Saturday afternoon and well into the night here. Unfortunately, the QRP station had asked, but had no one with 6M capability to step to that challenge.

Guess my unbuilt Ten Tec transverter should go to the head of the kits to build stack! :-) There is always next year!

72, Stuart K5KVH Austin QRP Club, Austin Amateur Radio Club.

-----  
Date: Thu, 15 Jul 1999 21:48:38 -0400  
From: John Harper AA5YX/2 <aa5yx@juno.com>  
To: qrp-1@Lehigh.EDU  
Subject: [45229] Re: qrp-banjo joke!  
Message-ID: <19990715.214839.15422.0.aa5yx@juno.com>

What's the difference between a banjo player and a Savings Bond?

The Savings Bond will eventually mature and make money.

John Harper AA5YX/2 ex: KA5BBL, KI5OW, VQ9BL  
HW-9, OHR-100A/20m, Norcal 40A, SST/30m, Norcal 20  
YashicaMat 124G Info: <http://home.att.net/~j..harper>

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Thu, 15 Jul 1999 21:08:09 -0500

From: "Chuck Carpenter" <w5usj@globeco.net>  
To: qrp-l@Lehigh.EDU  
Subject: [45230] ? CW HF Grid Squares In August  
Message-ID: <3.0.2.32.19990715210809.007ce100@bosshog.globeco.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

QRP-Lers,

Some time back there was a series of messages about a world-wide event to use grid square exchanges. At the time it was for phone contacts. I recall that a CW event was to happen in August. Lost the message but would be interested to know if this thing is still going to happen and when.

Thanks.

Chuck Carpenter, Point, Rains County, Texas

-----  
Date: Thu, 15 Jul 1999 21:19:42 -0500  
From: "Chuck Adams K5FO" <adams@ticnet.com>  
To: qrp-l@lehigh.edu  
Subject: [45231] Digest Users  
Message-ID: <E114xcP-000121-00@pop3.ticnet.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Gang,

Those of you using the digest and want info on the Estate Sale direct, send me email and let me experiment in the next day or two to see if I can do it. I think I can, I think I can, ...  
(The Little Red Caboose)

dit dit

Chuck Adams K5FO adams@ticnet.com <http://www.qsl.net/k5fo/>

-----



Date: Tue, 13 Jul 99 15:11:57 PDT  
From: "Robert Roach" <KE4QOK@worldnet.att.net>  
To: kizerian@ced.utah.edu, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45232] Re: Letter campaign needed  
Message-ID: <MAPI.Id.0016.004534514f4b20203030303630303036@MAPI.to.RFC822>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="ISO-8859-1"; X-MAPIextension=".TXT"  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Now your talkin' cool slogan. <GGGG>

73  
Bob  
KE4QOK

-----  
> Life's too short to worry about people who think life is too short for =  
QRP.  
>  
> Bruce kk7zz  
>  
>  
>

-----  
Date: Thu, 15 Jul 1999 23:03:55 -0400  
From: Francis Flynn <fflynn@together.net>  
To: wb0poq@visi.com, qrp-1@lehigh.edu  
Subject: [45233] Re: ICs  
Message-ID: <378EA11A.A1B00951@together.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Believe it or not, I have had some success with just typing a part number into a search engine, like [www.altavista.com](http://www.altavista.com). Just put in a chip part number, it's not unlikely that you will end up at a site which has a \*.PDF file on the device, providing you with more information than you might care to have :). Or, least as much as you might need. I have done this several times and it works better than

half the time.

If nothing else, it narrows the search, it's better than getting "we found 800,000 sites that match your search term", usually it's less than 10 matches and most of those are good.

So, I don't know of a specific site, but if you leave off the HC stuff and just do a search on 7400, or 7004. Hc, ls, just describes details about the device, but the numbers tell you basically what the device is, hex invertor, 4 bit flip flop, etc. Sylvania used to give out cross reference books for free for the ECG line of replacement semiconductors. I use that as a guide to common semiconductors. The one I have is a few years old, I don't know if you can get them anymore. Maybe it's on CD now.

-72 de Fran km1z

Bob Liesenfeld wrote:

```
> Hi gang,  
> Anyone know of a site where I can get a breakdown of the  
> characteristics of the different types of IC logic families, ie, 74,  
> 74LS, 74HCT, etc?  
>  
> Tnx es 72  
> --  
> Genuine E-mail From the Land of the Everlasting Icicle...  
> Bob Liesenfeld  
> wb0poq@visi.com
```

-----

Date: Thu, 15 Jul 1999 23:05:18 EDT  
From: Urolab@aol.com  
To: qrp-1@lehigh.edu  
Subject: [45234] Re: out-of-call-district callsigns  
Message-ID: <6a3101cc.24bffb6e@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

In a message dated 7/15/99 7:05:17 PM Eastern Daylight Time, qrp-1@Lehigh.EDU

writes:

> Re: out-of-call-district callsigns

..Enough whinning. For once the FCC got it right(no thanks to the ARRL).  
The OLD

district numbering system is meaningless(unless you are a "6" in CA) as all the diatriachs have more than one state. The "4" district runs from the PA boarder in northern VA to 90 mi. from CUBA in Key West FL. Now, if you are REALY that concerned with identifying location(numerous on-line data bases make that easy), why not ask for new calls with two digits so that each state can be identified? Or better yet three digits so that the county can be identified..... Grid squares anyone?

K4FHP, Dave  
Miami, FL

-----  
Date: Thu, 15 Jul 1999 22:14:54 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45235] Fw: Clothes Pen Paddle  
Message-ID: <002801becf39\$f0dacff0\$16a24cd8@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----Original Message-----  
From: Randy Jouett <rules@bellsouth.net>  
To: Bruce Kizerian <kizerian@ced.utah.edu>  
Date: Thursday, July 15, 1999 10:12 PM  
Subject: Re: Clothes Pen Paddle

-----Original Message-----  
From: Bruce Kizerian <kizerian@ced.utah.edu>  
To: rules@bellsouth.net <rules@bellsouth.net>  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Date: Thursday, July 15, 1999 2:36 PM  
Subject: Re: Clothes Pen Paddle

>I have a single paddle "key" that uses a real "key" for the  
>paddle. A work in progress which looks slick and shows great  
>promise.  
>

Hi Bruce,

That sounds great! Good luck with the project, and keep me  
posted!

72/73,

----

Randy Jouett, AB5NI

P.S.

U guys like my spelling?? ":Pen." LOL!!! That's what I get for  
not getting any sleep!! LOL!!!

-----  
Date: Thu, 15 Jul 1999 23:21:56 -0400  
From: Ed Kessler <edkess@epix.net>  
To: qrp-1@Lehigh.EDU  
Subject: [45236] Low Power Experiment  
Message-ID: <378EA554.8C82B018@epix.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Inspired by Jim Hale's, KJ5TF, article in QST I decided to turn down  
the power out on my QRP +.

I usually work at about 5w out, so the two nights ago I decided to  
go down to 2w.  
Worked ER100 (Moldova) on 20m, 559 report, about 2439 miles/watt.

Last night I jumped to 1w.  
Worked EW3LB (Belarus) on 20m, 559 report, about 4522 miles/watt.

Tonight I went to 500 mW.  
Worked UX5MZ (Ukraine) on 20m, 559 report, about 10,338 miles/watt.

This is getting fun.  
Ed, AA3SJ

-----  
Date: Thu, 15 Jul 1999 23:23:35 -0400  
From: Francis Flynn <fflynn@together.net>  
To: rohre@arlut.utexas.edu, qrp-1@lehigh.edu  
Subject: [45237] Re: Corrected W5KA Field Day QRP  
Message-ID: <378EA5B7.54205DB3@together.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

rohre wrote:

> All new hams REALLY need to learn to log and dupe if they are going to enter  
> the "operating event" of Field Day, the biggest non contest event!  
>  
> We tried to teach it before hand, and provided a familiarization day for  
> anyone to come to a meeting and learn the equipment and procedures, but you  
> get a lot of walk ins at Field Day itself and they do not know the procedure.

But, the good thing is that you get a lot of walk-ins! Most field day sites  
look very impressive to a newcomer. That's one of reasons why we do FD.

Maybe if we show them 'the proceedure' , during FD, they might be one of the hot  
operators  
2 or 3 years away.

It's better to prepare ahead, but, on the other hand, it's a hobby and it's  
supposed to be fun.

Fran KM1Z

(worked on the w1moo team, 5A Vt and had a ball)

-----  
Date: Thu, 15 Jul 1999 22:36:39 -0500  
From: "Michael A. Newell" <wb4huc@texas.net>

To: wb0poq@visi.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [45238] Re: ICs  
Message-ID: <378EA8C7.B4E68E53@texas.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

You might try <http://www.questlink.com>

On the first page, click on IC Index.

When the next page appears, enter your search text in the window on the left side of the screen (74LS, etc.).

If the search found anything, you'll see a list of IC's whose part numbers contain the search text. Look through the list and click on the one you want, or, if there's lots of hits, go back to the search field and enter a more specific search target.

After you click on the specific part you want, and if this is the first time you've used Questlink, a registration page will appear where you enter your name and some other information.

The use of Questlink is free, but they want you to register. After you register, you'll see a page where you can view the spec sheet for the part you're interested in.

Hope this helps,

--

Michael A. Newell - WB4HUC  
Austin, TX  
QRP-L 1668  
<http://wb4huc.home.texas.net>

-----  
Date: Thu, 15 Jul 1999 23:37:29 -0500

From: Jeff Logullo <logullo@mindspring.com>  
To: qrp-l@lehigh.edu  
Subject: [45239] If you don't try, you'll never know  
Message-ID: <378EB709.E2DBBBFD@mindspring.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I'm a migrant this month, working in the Boston area. I brought the NorCal 20 and assorted stuff, along with a spool of magnet wire. Got a hotel room on the second floor, and figured I'd give it a shot.

Strung a piece of wire out the window through the screen, attached it to fishing line and a two 3 oz. fishing wieghts, tossed over a tree across the parking lot from my room. Hooked it to my St. Louis tuner. Another quarter-wave (rough estimate) to the ground lug of the tuner.

Heard LZ2LP calling, and figured "what the heck". My heart started beating about 120 beats per minute as I heard my call coming back. 3 watts with a goofball antenna, and I'm working Bulgaria. I got so rattled it was not even funny. Thanks Ivan for putting up with my "lid" procedure.

Gosh that was fun!

-----  
Date: Thu, 15 Jul 1999 23:58:01 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [45240] W8KC, QRP-L CD UPDATE!  
Message-ID: <Pine.OSF.3.95.990715234322.20217B-1000000@saturn2.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Two Notes, First...

All the remaining CDs that I create will be done in the old (yeech!) ISO-9660 format. They can be read on any CD Drive that is ISO-9660 compliant. (Gosh! Just like my original CDs can be read on any CD that is UDF compliant.)

SECOND...

There is still time to place an order for a W8KC edition of the QRP-L Archive CD! Just make sure I get an email from you with your mailing address by 11:59pm ESDT on Friday July 16th.

They are still just \$10. You can thank me (and CHUCK!) later, after you realize what a bargain you are getting. Send your non-tax-deductable check in the amount of \$10 to:

Paul Valko - W8KC  
3123 Cairncross Drive  
Oakland, MI 48363-2705

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Thu, 15 Jul 1999 23:52:35 EDT  
From: RANDY0453@aol.com  
To: edkess@epix.net, qrp-1@lehigh.edu  
Subject: [45241] Re: Low Power Experiment  
Message-ID: <6798a404.24c00683@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Congrats Ed,  
Been having fun myself. Last night UR5QGC (Ukraine), tonight SM5IMO (Sweden) all with a HW-8 running 1 watt to a G5RV. Life is great!!!!

Good hunting,  
Randy N2ZHF

-----  
Date: Fri, 16 Jul 1999 16:33:56 +1200  
From: barry kirkwood <bjk@ihug.co.nz>  
To: qrp-1@Lehigh.EDU  
Subject: [45242] Hello World?  
Message-ID: <199907160433.QAA19127@smtp1.ihug.co.nz>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Dear QRP-L:



Not strictly qrp but nobody on glowbugs could help: I have great interest in hf technology of vacuum tube era but all my sources (like personal collection QST back to 1928) are in English. Would very much like to know more from other sources and wonder if anybody can direct me to likely websites in, say, DL, F etc? Am no linguist, but expect to get the gist OK.

Thanks

Baz ZL1DD

end

Barry (Baz) Kirkwood PhD ZL1DD ex ZL1BN, ZL40K etc

Signal Hill

66 Cory Road

Palm Beach

Waiheke Island 1240

NEW ZEALAND

[www.waiheke.co.nz/signal.htm](http://www.waiheke.co.nz/signal.htm)

Ph/Fax 64-9-372-5161

-----  
Date: Fri, 16 Jul 1999 00:32:24 -0400 (EDT)

From: Chris Cartwright Sr <[ccart@phideaux.com](mailto:ccart@phideaux.com)>

To: Low Power Amateur Radio Discussion <[qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)>

Subject: [45243] Yagi Questions

Message-ID: <[Pine.LNX.4.04.9907152359110.10801-1000000@dns.phideaux.com](mailto:Pine.LNX.4.04.9907152359110.10801-1000000@dns.phideaux.com)>

MIME-Version: 1.0

Content-Type: TEXT/PLAIN; charset=US-ASCII

Having just ordered the 50 and 220 Mhz modules for my FT736, and after reading the article in July QST about "cheap" yagis, I've got a renewed interest in small yagis. And some questions :)

I'm looking at converting some of the RS 15-2163's for 432, 220, and 50Mhz (already have one for 2M). I have the 14th edition of the ARRL Antenna Handbook, but, the designs call for 3/16" elements and I'll have 3/8" elements. The handbook references "NBS Technical Note 688" to compensate for these changes. Even a friend at NIST can't locate it :( So any pointers to this gem of enlightenment, online or otherwise, would be appreciated.

One other question. I understand that if I stack two 10dB gain yagis, I get a total of 13dB. If I go nuts and stack sixteen (4x4) I end up with 22dB (use dBi or dBd I don't care:), so far so good. But what happens to the F/B ratio? Does it stay the same? Or get "more gooder" like the forward gain does? Maybe NBS Tech Note 688 explains it all :)

72 es tnX!

-- Chris Cartwright, Technical Engineer | ccart@phideaux.com --  
-- N3XRV ARRL-VE Norcal Zombie #163 | Gaithersburg, MD FM19je --  
-- MDmW #5 NJ-QRP #105 QRP-L #655 NORCAL #1891 FISTS #5028 QRP-ARCI #9271 --

-----  
Date: Fri, 16 Jul 1999 00:51:27 -0400  
From: Pete Burbank <plburbank@kih.net>  
To: <qrp-l@Lehigh.EDU>  
Subject: [45244] Callsigns  
Message-ID: <3.0.32.19990716005123.00689fa8@kih.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Callsigns are useful to tell one a lot about propagation condx.  
The U.S. system has degenerated towards total entropy.  
nuf said...  
NV4V

-----  
Date: Thu, 15 Jul 1999 22:12:17 -0700  
From: Rod Davis <rdavis@abac.com>  
To: QRP L <qrp-l@lehigh.EDU>  
Subject: [45245] rig/kit review  
Message-ID: <378EBF31.3C3B8937@abac.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Not too long ago I solicited advice and reviews on QRP kits.  
I got quite a few responses, and almost all wanted me to share  
any new information I might find, and/or what I eventually  
decided on. Well, here are the results of my quest.

I have homebrewed receivers before, and that process gave  
me a keen appreciation for the RX front end architecture  
popularized by W7ZOI which consists of:

1. A strong mixer, driven at a fairly high level, and
2. A strong wideband post-mixer amplifier, followed by
3. A resistive attenuator (to provide wideband termination  
for the mixer, and to absorb out-of-bandpass signals  
reflected from the crystal filter), and
4. A separate crystal filter AFTER the IF amplifier to remove

wideband noise and unwanted sideband noise.

This architecture produces a very robust receiver, one which performs well in the presence of strong adjacent signals.

Well, when I looked at the Red Hot Radio NorCal 20, I was pleasantly suprised to find exactly the receiver architecture I liked. I checked into the Red Hot Radio (RHR) website (redhotradio.com) and found a very interesting design discussion, and the schematics of the receiver, both of which illustrated the robust receiver design principles described above.

Well, I sent away for one, got it on July 4, and had it assembled and on-the-air on July 8. ( A minor word of caution here - if you have never built a kit before, this kit is probably NOT the best one to start with. I suggest getting some kit construction experience before assembling this kit.)

My first three QSOs were WA3QNT/M, F5IN, and DK4LX, all from a stealth antenna situation. DK4LX could not believe I was running QRP, and was very interested in power level, rig type, antenna, etc. He wanted the RHR web site address, and sounded like he was going to get one too!

Since then I have run the RHR NorCal 20 mobile, and I am having a good time with it. I really like the receiver- it has the high performance I really appreciate.

The rig cabinet and aesthetics are great - a red anodized aluminum case with silk-screened lettering. It has a built-in keyer, and a built-in frequency annunciator. I can't believe all of this functionality is available for the price. I really enjoy the rig, and heartily recommend it.

72/3, Rod KM6SN

-----  
Date: Thu, 15 Jul 1999 21:41:59 +0200  
From: "Juan Jose Pastor Estornell" <juanjope@ctv.es>  
To: "QRP-L" <qrp-l@Lehigh.EDU>  
Subject: [45246] RE: out-of-call-district callsigns  
Message-ID: <000401becf4a\$e2bcb4e0\$6e8219d4@juanjopectv>  
MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

A "DX-like" perspective from Europe:

I am with Chuck regarding of stating the actual district in your contacts, at least until you leave the corresponsal sure of your QTH. I would even suggest to follow the IARU recommendation and put it as prefix (e.g. W7/K5F0) and not as a suffix. My pros on the subject: imagine me calling in 28.110 at 3 Watts this winter and getting answered by a W6. What did I think?. Wow, California, my first one ever in that state!. Imagine the deception when he passed his QTH in FL. Besides, with computer log books you have to state the correct district to make correct statistics calculations (diplomas and so on ... , I have to key in the /X - being X the district, of course - even if it is not said in the QSO). And the thing gets worse in contests, with no time for sending your state ... unless rules order you to do so.

A pro for using it as prefix: imagine me hearing a nice signal from XT (I guess it is Chad or some african country) in 40 meters CW only to be followed by a discouraging /EA4. In order to keep our hearts calmed (mine is still quite young, I am 31 just now - my birthday was July the 13th, hi hi -, no problem by now), those stations from exotic places please use your actual QTH district/country as prefix, hi hi!. Thanks for you attention.

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

-----  
> De: Alan Kaul <alan.kaul@worldnet.att.net>  
> A: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Asunto: Re: out-of-call-district callsigns  
> Fecha: martes 13 de julio de 1999 20:59  
>  
> I was a K7 before I moved to California 26 years ago and was issued a W6  
> call under the old FCC rules. But I'm not bothered by someone with (for  
> example) a 9 in his callsign living in 6-land for MOST amateur activity. I  
> would prefer, however, that he/she signs the call /#. And I believe it  
> ought to be mandatory in contests, where geography often counts. I believe  
> participants should be required to sign using /# so the station on the  
> receiving end has some idea of where he/she is ... (unless, of course, the  
> station is portable in the same district in which his call sign suggests he  
> is (i.e. w6rcl/6)).  
>  
> And what about that can of worms posed by someone on a DX-pedition getting  
> a FCC-assigned callsign for some exotic place (like AH9, for example) but  
> never really living there because when the DX-pedition is over, he/she goes  
> home and KEEPS THE CALL!  
>  
> Alan Kaul, W6RCL, LaCanada-Flintridge, CA

> <http://home.att.net/~alan.kaul/qrp.html>  
> [alan.kaul@worldnet.att.net](mailto:alan.kaul@worldnet.att.net)  
> [w6rcl@amsat.org](mailto:w6rcl@amsat.org)  
>

73, 72 de Juanjo, EC5ACA/QRP. EA-QRP #104, G-QRP #9742, QRP-L #1662.

-----  
Date: Thu, 15 Jul 1999 22:23:45 -0700  
From: "Bob Tellefsen" <n6wg@earthlink.net>  
To: "QRP-L List" <qrp-l@Lehigh.EDU>  
Subject: [45247] Re: Life's too short ...  
Message-ID: <01becf4b\$60634d50\$0100007f@ham.earthlink.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

During the American Revolution, the British made fun of us colonists, calling us Yankee Doodle Dandies, implying a bunch of rubes. However, in our own perverse way, we appropriated the phrase and turned it into a very popular song throughout the Colonies.

Now, how can we hijack this Life's Too Short phrase?

73, Bob N6WG

-----  
Date: Thu, 15 Jul 1999 23:28:18 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: CQCList@cqc.org, qrp-l@lehigh.edu  
Subject: [45248] More Picnic Pix on the CQC Web Site  
Message-ID: <199907160527.XAA18985@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

New member Paul, K06H, has contributed some pictures he took at the Colorado QRP Club's Picnic Meeting last weekend. They feature the run for the trees and the QLF contest, and you'll find them at <http://www.cqc.org/gallery/picnic99> (added at the bottom of the page).

73

Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382  
--

-----  
Date: Fri, 16 Jul 1999 01:04:28 -0500  
From: "Joel Frederick Kluender" <n1f9k@eudoramail.com>  
To: qrp-l@lehigh.edu  
Subject: [45249] OHR-400 help needed!  
Message-ID: <GKAEDMJAOFFMEAAA@shared1-mail.whoohere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Fellow QRP-l'ers,

BELOW IS A DESCRIPTION OF PROBLEMS I'M HAVING CALIBRATING MY OHR-400 PER THE INSTRUCTIONS. IF YOU AREN'T FAMILIAR WITH OHR-400 CIRCUITRY OR DON'T WANT TO HELP, JUST DELETE THIS MESSAGE. IF YOU CAN HELP ME, I'D BE EXTREMELY GRATEFUL FOR YOUR SUGGESTIONS!

\*\*\*\*\*

Today I tried to perform the calibration of my OHR-400, having just completed the assembly. I am having some problems, which I will detail below...

\*The calibration goes fine until the second to last step on page ALN2, where it says "The signals at LOOP 2 should be about 1.7V peak to peak using a X10 probe." I do measure signals of the correct frequency on all of the bands, but the levels are only around 0.035 V on all bands when peaked on my 50-Mhz scope.

\*The next couple of steps go fine again until we get to the third, fourth, fifth & sixth steps on page ALN3 in which L300, L301, L303, L304, L306, L307, L311 & L312 are adjusted for 5 Watts maximum output power. I get no discernable output power at all on the 10W scale of a wattmeter. Checked it with a second wattmeter and confirmed no output.

\*The last step on page ALN3 goes fine as I am able to center a signal in the audio filter. The background hiss indicates that the audio amp is working fine. But the signals are few and far between, and quite weak. My main station transceiver picked up many more stronger signals on the same antenna.

\*In the second step of page ALN4, where C371 is adjusted for the best tone while monitoring on my main station transceiver, I can hear no signal at all on my main transceiver even when I hook up an antenna in place of the suggested dummy load. This confirms the lack of output power already discovered.

\*In the third step of page ALN4, I can hear no sidetone no matter where I set R219. When I put the radio in tune, the receive audio does kick out so the T/R switch appears OK.

All of the above symptoms with the exception of the sidetone problem are consistent with the 35 mV measured at Loop 2 instead of 1.7 V, since this reduced value is the input to the common transmit and receive mixer. Maybe the lack-of-sidetone is also related and I'm just missing the connection in the schematic.

Could I have a problem in the vicinity of Q100, the amplifier at the output of the bandpass filters? Any thoughts? Before I start desoldering components I'd like some advice from the experts.

Thanks for your help!  
Joel Kluender NF9K

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

-----  
Date: Fri, 16 Jul 1999 00:26:08 -0600  
From: Dick Schneider <rschneid@ix.netcom.com>  
To: QRP-L <qrp-l@Lehigh.EDU>  
Subject: [45250] Sierra 10M Module - help  
Message-ID: <378ED07F.61E69F38@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Just today, retweeked two of my Sierra modules to double my output on 20 and actually resurrect a "dead" 15M module, but then went ahead and built the 10M module, which sounds awful--highly unstable. I've read through and utilized all the tweeking listed in the Sierra mods posted thusfar, but I'm wondering if anyone has additional insight into the 10M module. Thanks

72 Dick AB0CD..

-----  
Date: Thu, 15 Jul 1999 23:50:55 -0700  
From: Jim <w7ls@blarg.net>  
To: fflynn@together.net, qrp-1@lehigh.edu  
Subject: [45251] Re: ICs  
Message-ID: <378ED64F.EEBA2EE7@blarg.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Go to Partminer.com and download the software. After that, you just type in a part and it will locate stock on it, show the variations of it, and present you with pdf datasheets for it. It's free.

For instance, want to know about a 74C922? It is a decoder that was discussed here, last week. Just type it in and you will see that it is 6 bucks or so at Digikey, something else at Mouser, etc, etc. It will offer you the pdf datasheet to look at, too. Can't beat it. Jim W7LS

Francis Flynn wrote:

> Believe it or not, I have had some success with just typing a part  
> number into a  
> search engine, like www.altavista.com. Just put in a chip part number,  
> it's not  
> unlikely that you will end up at a site which has a \*.PDF file on the  
> device, providing  
> you with more information than you might care to have :). Or, least as  
> much as you  
> might need. I have done this several times and it works better than  
> half the time.  
>  
> If nothing else, it narrows the search, it's better than getting "we  
> found 800,000 sites  
> that match your search term", usually it's less than 10 matches and most  
> of those are good.  
>  
> So, I don't know of a specific site, but if you leave off the HC stuff  
> and just do a search  
> on 7400, or 7004. Hc, ls, just describes details about the device, but  
> the numbers tell you  
> basically what the device is, hex invertor, 4 bit flip flop, etc.



> Sylvania used to give out  
> cross reference books for free for the ECG line of replacement  
> semiconductors. I use  
> that as a guide to common semiconductors. The one I have is a few years  
> old, I don't  
> know if you can get them anymore. Maybe it's on CD now.  
>  
> -72 de Fran km1z  
>  
> Bob Liesenfeld wrote:  
>  
> > Hi gang,  
> > Anyone know of a site where I can get a breakdown of the  
> > characteristics of the different types of IC logic families, ie, 74,  
> > 74LS, 74HCT, etc?  
> >  
> > Tnx es 72  
> > --  
> > Genuine E-mail From the Land of the Everlasting Icicle...  
> > Bob Liesenfeld  
> > wb0poq@visi.com

-----  
Date: Fri, 16 Jul 1999 02:36:42 -0500  
From: "Randy Jouett" <rules@bellsouth.net>  
To: <n6wg@earthlink.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [45252] Re: Life's too short ...  
Message-ID: <00b901becf5e\$2259ab90\$16a24cd8@spock>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

-----Original Message-----

From: Bob Tellefsen <n6wg@earthlink.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Date: Friday, July 16, 1999 12:34 AM  
Subject: Re: Life's too short ...

>During the American Revolution, the British made fun of us colonists,  
>calling us Yankee Doodle Dandies, implying a bunch of rubes. However, in  
>our own perverse way, we appropriated the phrase and turned it into a very  
>popular song throughout the Colonies.

>

>Now, how can we hijack this Life's Too Short phrase?

I like that idea, Bob! How about: "Life's too short for TVI !!!" You don't even have to be a QRP op to relate with that statement :^).

-----

Date: Fri, 16 Jul 1999 06:47:15 -0400  
From: Jerry Albertin <jalbertin@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [45253] Loop Antenna Tuning Capacitor  
Message-ID: <19990716.064715.12582.0.JAlbertin@juno.com>

Hello All....I'm considering experimenting with some of the small HF loop designs I have found but and unable to locate a source for the tuning capacitors. The designs call for capacitors in the 400-700uf range.

Anybody know of a source for these? Thanks in advance.....Jerry kg2jif

-----

Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----

Date: Fri, 16 Jul 1999 06:59:42 -0400  
From: Michael Bower <bowerm@ix.netcom.com>  
To: qrp-l <qrp-l@lehigh.edu>  
Subject: [45254] Re: Archived QRP-L CD and the Send button  
Message-ID: <378F109E.3E729BB5@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The diabetes news group uses "OT: " at the beginning of it's subject line. That way the receiver can filter but there is enough room for a decent subject so we don't have to guess what is really in the message.

Michael - N4NMR

Phil Petsonk n6mly wrote:

>

> Dear Nick,  
>  
> Hey, you've hit on it. All anyone has to do when posting an off-reflector-  
subject message (such as banjos) is put the words  
> "off-subject" in the 'Subject:' field. Then I can set my filters to  
automatically place it in a different folder (such as  
> 'Deleted'. Humor is ok but on a high volume reflector like this something like  
that is really needed.  
>  
> Phil, n6mly  
>  
> ----- Original Message -----  
> From: Nick Kennedy <nkennedy@cswnet.com>  
> To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
> Sent: Thursday, July 15, 1999 6:26 PM  
> Subject: Re: Archived QRP-L CD and the Send button  
> I sort of thought the same thing when looking at the archives. It also  
> makes you appreciate the value of having a subject line that actually has  
> something to do with the message content.  
>  
> It would be nice if we could put some kind of special code on the subject  
> line which would cause the archiving doohickey to skip the message.  
>  
> 72,  
>  
> Nick, WA5BDU  
>  
> >I don't know about anyone else, but this CD sure makes me re-think my posts  
> >before I hit that "Send" button. All those flames, stupid remarks, off  
> >topic posts, mine and everyone elses are there, preserved for posterity.  
> >  
> >That's kinda scary isn't it?  
>  
>  
> -----  
> NetZero - We believe in a FREE Internet. Shouldn't you?  
> Get your FREE Internet Access and Email at  
> <http://www.netzero.net/download/index.html>

-----  
Date: Fri, 16 Jul 1999 07:16:26 -0400  
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
To: w5usj@globeco.net, qrp-l@Lehigh.EDU  
Subject: [45255] Re: ? CW HF Grid Squares In August  
Message-ID: <v03110700b3b4c4adcadf@[132.235.81.21]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

>QRP-Lers,  
>  
>Some time back there was a series of messages about a world-wide event to  
>use grid square exchanges. At the time it was for phone contacts. I  
>recall that a CW event was to happen in August. Lost the message but would  
>be interested to know if this thing is still going to happen and when.  
>  
>Thanks.  
>  
>  
>Chuck Carpenter, Point, Rains County, Texas

Hi Chuck,  
Hey, hope to work you on this contest, look for me from EM89!

Here is the message that I sent:

Gang,  
There is a contest that is coming up this weekend that I thought  
might be of interest to all. The concept is really great, that of  
reporting grid squares, instead of country, etc. It should be good CW  
practice, too. This contest has probably not gained a lot popularity yet  
because it is fairly new, but it is a promising one.

NS80

#### TOEC WW GRID CONTEST

-----

The Top Of Europe Contesters (TOEC) hereby has the pleasure to  
invite all amateur radio stations world wide to participate in  
the TOEC WW GRID CONTEST. The contest is divided into two  
separate events, one for CW and one for SSB. In 1994 the very  
first attempt was called "TOEC field contest", but the name was  
changed because many stations was confused by the name and thought  
it was a field day. The word GRID is also probably more well  
known on a world wide basis.

DEFINITION: A "grid" is a 2x1 degree square, and a "field" is a 20x10 degree  
square as defined by the Maidenhead system. Your national amateur  
society does probably have more detailed information on grid  
squares.

DATE: CW: 4th weekend in August.  
SSB: 2nd weekend in June

TIME: Saturday 12.00 - Sunday 12.00 UTC

CLASSES:

- 1) Single Operator. Packet Cluster is not allowed. Stations using packet is regarded as multi-operator.
  - a) All band
  - b) Single band
  - c) Low power, only all band. Maximum output power 100 W.
- 2) Multi Operator. Only all band. All stations must be located within 500 meters diameter.
  - a) Single Transmitter. Stations must remain on a band for at least 10 minutes. Faster QSY allowed only for a new multiplier on another band.
  - b) Multi Transmitter.
- 3) Mobile stations. Only single op all band. If more than one field is activated, all stations may be contacted once per field and band. The log must clearly show the fields activated.

Mobile stations includes both /M and /MM stations.

AWARDS: The winner in each country (or US/VE call area) and class will receive a certificate, providing that a resonable QSO total has been acheived.

BANDS: 160 - 10 meter (no WARC).

Keep the following frequencies free from contest traffic:  
CW 3500-3510, 7000-7010, 14000-14010, 21000-21010, 28000-28010  
SSB 3600-3650, 3790-3800, 7040-7045, 14100-14125, 21100-21175,  
28200-28300

EXCHANGE:

RST + grid identifier according to the Maidenhead system,  
i.e. 599 JP73 (two letters + two figures)

MULTIPLIERS:

Each field (ie JP, KO, EM etc) worked gives 1 multiplier per band.

POINTS:

Fixed stations

QSO with stations outside your continent gives 3 points.

QSO with own continent (including QSO with same country) gives  
1 point.

QSO with mobile stations gives 3 points, regardless of QTH.

Mobile stations

All QSO's gives 3 points.

Each station can be contacted once per band.

again, Exception: Mobile stations (both /M and /MM) may be contacted providing that the mobile station has changed field since the previous QSO. These additional QSO's gives no QSO points, only multiplier credit. Note! Mobile stations may credit QSO points for additional QSO's.

FINAL SCORE:

Multiply the total QSO point score with the number of fields worked on all bands.

LOGS:

The log must be checked for dupes, correct scoring and multiplier credits. Indicate the multipliers only the first time they are worked. Use separate logs for each band. Include a summary sheet with the regular contents, and a dupe-sheet for all bands with more than 300 QSOs.

The log may be submitted on DOS-formatted disks. Use ASCII, CT or N6TR style files. Name the file with your call. (i.e. SM3SGP.LOG) Enclose a signed summary sheet. Send a SASE or SAE+1 IRC if you want confirmation that the log has been received.

Logs can also be submitted via e-mail. Send the file in the same format as above to the following address:

TOEC.Contest@pobox.com

been A confirmation message will be sent to confirm that the log has received.

DEADLINE:

contest. The log must be postmarked not later than 30 days after the

ADDRESS:

TOEC  
Box 2063  
S-831 02 Ostersund  
Sweden

-----  
Date: Fri, 16 Jul 1999 08:58:13 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-l@lehigh.edu  
Subject: [45256] Re: Yagi Questions  
Message-ID: <378F2C65.40331CEA@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I use the scale.exe program that comes with the ARRL Antenna book to scale yagis to other bands or different tubing sizes. Heavily optimized HF designs often make good small VHF yagis.

Stacking yagis generally degrades the pattern--EME types significantly improved system performance by optimizing yagi arrays for a good pattern, even at the expense of less forward gain.--73 Zack W1VT

-----  
Date: Fri, 16 Jul 1999 08:00:55 -0500  
From: "Bryan Turner" <turnerw@email.uah.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [45257] Re: qrp-banjo joke!  
Message-ID: <199907161314.IAA09573@email.uah.edu>

Q. What does it mean when someone posts a banjo joke to QRP-L?

A. Someone gets added to a bunch of email filters.

-----  
Date: Fri, 16 Jul 1999 09:14:34 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: jalbertin@juno.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45258] Re: Loop Antenna Tuning Capacitor  
Message-ID: <378F303A.47A85D14@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Jerry Albertin wrote:

> Hello All....I'm considering experimenting with some of the small HF loop  
> designs I have found but and unable to locate a source for the tuning  
> capacitors. The designs call for capacitors in the 400-700uf range.

I think you mean 400-700pF ;-)

Your best bet is to check the "junque" tables at your next hamfest.

If you are running QRP levels you can get away with much smaller (physically) caps then if you run QRO. There is a neat program written by Steve Yates, AA5TB, that can calculate the capacitor plate spacing needed (along with most other loop parameters). Try <http://home.swbell.net/aa5tb/loop.html>

The tuning capacitor can have EXTREMELY high voltages across it.

Tentec sells new varicaps. Check their web site

<http://www.tentec.com/Amateur.htm>

It is also important to reduce resistance in the loop circuit for best efficiency. Most variable caps use a sliding contact for the rotor which introduces undesired resistance. It is best (but not necessary) to use a split stator capacitor in series, which removes any sliding contacts from the circuit. The rotors in a split stator cap are hourglass shaped, and the stators are on either side of the cap and electrically isolated from each other. This way, the current flows through the rotor to the other stator without using any sliding contacts. Remember that if you have a split stator cap with each side having 100pF that the total capacitance in series is only 50pF.

I have been told that you can make a tubular varicap using two pieces of copper tubing, but I've never tried that. I'm also convinced that you could make your own caps if you have some metalworking skill (none here ;-). There is some good "homebrew" capacitor information on the web.

I made a loop out of .75" copper tubing, 2.7 feet in diameter, and used a plain old 200pF air variable cap. I soldered all connections using heavy wire. I get very good performance from the loop. In other words, slap something together and give it a try. They are neat little antennas!

--

72 de KU4QO

Mike Maiorana

Palm Harbor, FL

"Has anyone seen my youthful exuberance? I must have misplaced it."

-----

Date: Fri, 16 Jul 1999 08:26:41 -0500

From: Bcieslak@ra.rockwell.com

To: qrp-l@lehigh.edu

Subject: [45259] Life's too short

Message-ID: <862567B0.0049DBF4.00@ramilwsmt01.ra.rockwell.com>



Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

the 'Life's too short for QRP' ad has been around for years and we actually had guys in our radio club have t-shirts with that logo just to have fun with the QRP'ers in the group....Fortunately we're thick skinned and clever enough to retaliate in kind. The t-shirts we wore at the next meeting said. QRO....We have better things to do with our money.

Brian AE9K

Besides lide may be too short for QRP but we sure get the most out of it.....When was the last time you were at a QRO symposium where they gave away door prizes donated by Alpha or Ameritron?

-----  
Date: Fri, 16 Jul 1999 08:23:17 -0500  
From: "Bryan Turner" <turnerw@email.uah.edu>  
To: qrp-1@Lehigh.EDU  
Subject: [45260] Re: Life's too short ...  
Message-ID: <199907161323.IAA12520@email.uah.edu>

>  
> Now, how can we hijack this Life's Too Short phrase?  
>

Life's too short for \$1,000 finals.

73 Bryan W8LN

-----  
Date: Fri, 16 Jul 1999 09:49:50 -0400  
From: Fred J Kalt <w2xn@juno.com>  
To: qrp-1@lehigh.edu  
Subject: [45261] Fox Hunting  
Message-ID: <19990716.094954.-900501.1.w2xn@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

When are we going to start registering Fox Hunt Teams for the upcoming season, and whom will we register them with ?

Fred W2XN  
Lakeland, FL  
W5YI-VE Skywarn #POL-007 Polk County ARES Net Manager AR QRP  
#233 QRP-L #1728 NJ-QRP #197  
My Web Page: <http://w2xn.homepage.com/>

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 16 Jul 1999 09:53:14 -0400  
From: "Alex Mendelsohn" <ai2q@ispchannel.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45262] Some 2N2/40 notes  
Message-ID: <000701becf92\$8c812000\$5c32a7d0@mendelsohn.ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi gang!

While continuing the construction of the K8IQY 2N2/40 xcvr, I found a few article errata items that you may want to add to your notes.

(NOTE 1): The previous emails about the direction of the windings on the illustrations wasn't really clarified (at least not to my satisfaction). So, here goes (based on what I see in the drawings and printed notes):

(a) In the sidebar entitled "HINTS for Toroids" Jim states: "...ensure primary and secondary are wound in the same direction for proper phasing." This is reiterated, in different words, in Jim's recent emailing to the list.

It follows then , that the pictorial diagrams shown in SEQ#2, SEQ#3, and SEQ#4 are drawn incorrectly. In SEQ#2 for the VFO, T6 shows the windings clearly wound in opposite physical directions. The coil T2 in SEQ#3, the front-end, is also shown drawn this way--which is NOT what is stated in the "HINTS for Toroids" box. It too, therefore, is incorrectly drawn. Also, in

the SEQ#4 pictorial depicting T7, the windings are shown wound in opposite directions, which isn't correct, eh?

(NOTE 2): The inset pictorial for the double-balanced mixer, entitled "Double Balanced Mixer (DBM) -- Alternative Layout" indicates that wire "W8" is the "RX LO input from SEQ#2." This is incorrect. It should read "RX VFO input from SEQ#2."

Also, the alternative layout drawing is a suggested layout and lacks details of the trifilar-wound coil connections. Be sure to use the illustration in the pictorial for SEQ3 when making your connections if you choose a daughterboard for the DBM.

Also, I use the type of Formvar wire that permits me to burn off the red insulation when I tin the leads to my coils. I notice that sometimes the insulation can get damaged in the winding process; it depends on how aggressive I get when pulling bifilar or trifilar twists through the doughnuts, and how tightly I snug the wires to the core. May I suggest that you do a close-up visual inspection, and perform a quick winding-to-winding shorts-test before soldering the coils in place?

BTW: I've been building my system in the classic manner of troubleshooting, that is, from the speaker "backwards." That way, I simply inject signals with my signal generators as I go, testing how each additional stage or block works in conjunction with the one it feeds. I guess I'm old fashioned, but that's how I learned to troubleshoot.

The downstream technique is to build the audio output stage first, and test it. Then work "towards" the muting switch, then build-up the product detector and Rx LO, then the IF, then the VFO, then the DBM, and finally the front-end.

Naturally, the transmitter section will be built and tested with low-level stages first, building and testing "towards" the final PA and output network.

One last thought came to me as I arrived at the DBM last night before turning off the soldering iron at nearly midnight. Some commercially available DBMs, such as the Watkins-Johnson one I have floating around in my junk box somewhere, has a standard DIP footprint. I was thinking of wiring my discrete 1N4148 DBM on a DIP header and then plugging it into a screw-machined DIP socket. I'd use the same pinouts as the W-J mixer.

Does anyone know if the pinouts on such DIP-packaged DBMs are standard from vendor-to-vendor? If they are, that'd be a good way to swap DBMs, wouldn't it? It seems like high-quality DIP sockets would work okay at these frequencies. Anyone's thoughts on this approach would be appreciated.

GL es vy 73, AI2Q, Alex in Kennebunk, Maine

-----  
Date: Fri, 16 Jul 1999 10:00:56 +0000  
From: Michael Neverdosky <MichaelN@cycat.com>  
To: qrp-l mailing list <qrp-l@Lehigh.edu>  
Subject: [45263] Re: Life's too short  
Message-ID: <378EF4C8.DD6EFF0D@cycat.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRP  
QRO  
Skill  
or Brute Force  
Pay your money, make your choice.

: -))

There is also the case of large amounts of force, skillfully applied. :-)

Remember, there are times when you need power to get through.  
Remember also that no amount of power will ensure error free  
communications.  
Error correcting, either by computer or by skilled operator is more  
valuable  
and more efficient than simply increasing power.

There is lots of room for variation, and different modes may require  
adjustments.

For example, I ran lots of phone patch traffic from RV Hero in Antarctica  
and most  
of the time at the 100 watt level. If I had communications quality at 100  
watts  
going to 1000 watts might get me phone patch quality.

As always antennas are a better investment.  
When I would use the station at Palmer Station with it's beam antenna a  
few hundred  
feet above the water vs my low wire antennas on RV Hero, the difference in  
signals,  
both receive and transmit were astounding.

BTW Does anybody know if the Antarctic stations have changed callsigns?  
Buckmaster lists KC4AAA, KC4AAB and KC4AAC all as expired.

michael N6CHV

bcieslak@ra.rockwell.com wrote:

>

> the 'Life's too short for QRP' ad has been around for years and we actually had  
> guys in our radio club have t-shirts with that logo just to  
> have fun with the QRP'ers in the group....Fortunately we're thick skinned and  
> clever enough to retaliate in kind. The t-shirts we wore at the  
> next meeting said. QRO....We have better things to do with our money.

-----

Date: Fri, 16 Jul 1999 10:10:35 +0000  
From: "Benjamin F. Poinsett" <benmail@erols.com>  
To: qrp-1@Lehigh.EDU  
Cc: benmail@erols.com  
Subject: [45264] Laptop Help  
Message-ID: <378F0515.13AB@erols.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=iso-8859-1  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Gang,

I was just given a non-operating KENITEC laptop computer. It is a Model 300/486 series. The unit has a 486 DX2 chip in it. Ancient by today's standards. It would be ideal for packet or the ham digital modes. Unfortunately, it does not power up.

I checked the AC adaptor and charger. It works fine. Also the battery charges and holds its charge. The problem appears to be no power getting to the unit. Possibilities include a bad switch or an open power circuit (unseen fuse or circuit breaker). A broken printed circuit board is another possibility.

Does anyone have any information on how to open up this beast so I can troubleshoot it? I've figured out how to remove the battery and the hard disk.

I need to figure out how to disassemble the plastic enclosure so I can get to the motherboard and the power circuitry. Diagrams and schematics would be ideal -- I don't have any. I've sent an E-mail to KENITEC service about it. So far no reply from them.

Any help in this matter would be appreciated.

Thanks -- 72 & 73,

Ben Poinsett, K3BP  
Bethesda, MD

-----  
Date: Fri, 16 Jul 1999 16:08:23 +0200  
From: dareid@Synopsys.COM  
To: qrp-1@lehigh.edu  
Subject: [45265] RE:life's too short  
Message-ID: <199907161408.QAA26537@gooify.gr05.synopsys.com>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

How about:

Wife's too short - need a stepladder...

-----  
Date: Fri, 16 Jul 1999 10:12:31 -0400  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-1@lehigh.edu  
Subject: [45266] Re: Life\'s too short ...  
Message-ID: <378F3DCF.4A4@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bob Tellefsen wrote:

> During the American Revolution, the British made fun of us colonists,  
> calling us Yankee Doodle Dandies, implying a bunch of rubes. However, in  
> our own perverse way, we appropriated the phrase and turned it into a very  
> popular song throughout the Colonies.

> Now, how can we hijack this Life's Too Short phrase?

How about:

Life is short -- QRP makes it worth livin'!

73,  
Ed, W1RFI

-----  
Date: Fri, 16 Jul 1999 07:14:50 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Phil Petsonk n6mly <n6mly@arrl.net>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45267] Re: Archived QRP-L CD and the Send button  
Message-ID: <Pine.GS0.4.10.9907160705160.15342-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Phil and all,

Two things.....

First, the subject line that is being used to talk about having meaningful subject lines doesn't have anything to do with what is being talked about.....not a very good example! :-)

Second, I would hate to see ANY editing of the list, either in real time or in the archives.

This list and the people on it have a personality. Different from most any other list I've seen. Part of that is the "not qrp" subjects that abound!

I also have times when I wonder why I am here.....this usually happens as I weed through severa hundred posts.....skimming most and reading only a few and wearing out the CTRL-D key combination (PINE).

But to remove the "color" from the list would ruin it in my opinion.

I'm all in favor of keeping the subject lines changed to reflect what's going on. But NOT in favor of removing posts just because they don't fit someones idea of "right/wrong".

It would be a shame for someone to read the archives and never come to know that there are people here that like banjo jokes and etc.

OK, thanks for the BW....

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 16 Jul 1999 10:21:26 -0400  
From: "Alex Mendelsohn" <ai2q@ispchannel.com>  
To: <logullo@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-  
l@Lehigh.EDU>  
Subject: [45268] RE: If you don't try, you'll never know  
Message-ID: <000101becf96\$7d225a80\$5c32a7d0@mendelsohn.ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Reminds me of the time that N2RI and self were holed up in a cheap motel room waiting out stormy WX. We took our 70-foot long doublet and open-wire feedline of perhaps 100-ft. and tossed it around the room, over lamps and curtain rods, etc. What a mess! But, we worked a number of DX stations with N2RI's lil two watter. Amazin'.

Vy 73, AI2Q, Alex in Kennebunk, Maine .-.-.

> -----Original Message-----  
> From: owner-qrp-l@Lehigh.EDU [mailto:owner-qrp-l@Lehigh.EDU] On Behalf Of  
> Jeff Logullo  
> Sent: Friday, July 16, 1999 12:37 AM  
> To: Low Power Amateur Radio Discussion  
> Subject: If you don't try, you'll never know  
>  
>  
> I'm a migrant this month, working in the Boston area. I brought  
> the NorCal 20  
> and assorted stuff, along with a spool of magnet wire. Got a  
> hotel room on the  
> second floor, and figured I'd give it a shot.  
>  
> Strung a piece of wire out the window through the screen, attached it to  
> fishing line and a two 3 oz. fishing wieghts, tossed over a tree  
> across the  
> parking lot from my room. Hooked it to my St. Louis tuner.



> Another quarter-wave  
> (rough estimate) to the ground lug of the tuner.  
>  
> Heard LZ2LP calling, and figured "what the heck". My heart started beating  
> about 120 beats per minute as I heard my call coming back. 3 watts with a  
> goofball antenna, and I'm working Bulgaria. I got so rattled it  
> was not even  
> funny. Thanks Ivan for putting up with my "lid" procedure.  
>  
> Gosh that was fun!  
>

-----  
Date: Fri, 16 Jul 1999 07:30:02 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Urolab@aol.com  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [45269] Re: out-of-call-district callsigns  
Message-ID: <Pine.GS0.4.10.9907160726400.15342-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Thu, 15 Jul 1999 Urolab@aol.com wrote:

> ..Enough whinning. For once the FCC got it right(no thanks to the ARRL).  
> The OLD  
> district numbering system is meaningless(unless you are a "6" in CA) as all  
> the diatriacts have more than one state.....

I disagree.....

Just last night I was struggling with a QSO with a "5" station. After  
qsying to get away from some qrm I finily got his QTH..... Washington  
state!

I moved the antenna 90 deg's and he was S9.....good copy.

So knowing what area of the country someone is in does help. Not everyone  
uses fixed antennas!

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....

....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 16 Jul 1999 10:37:25 -0400  
From: "Alex Mendelsohn" <ai2q@ispchannel.com>  
To: <mikemo@ibm.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [45270] RE: Loop Antenna Tuning Capacitor  
Message-ID: <000301becf98\$b8b4fc40\$5c32a7d0@mendelsohn.ispchannel.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hey Jerry! The statement "Tentec sells new varicaps" sent me to its site to see if that was somehow true. It isn't. They sell variable capacitors. Varicaps are capacitance-variable junction diodes. No misnomers allowed, please. :-)

Vy 73, AI2Q, Alex in Kennebunk, Maine

-----  
Date: Fri, 16 Jul 1999 07:59:17 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45271] Re: Life's too short ...  
Message-ID: <Pine.GS0.4.10.9907160758220.15342-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Life's too short.....resist dying!

73, Ron,       SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 16 Jul 1999 11:06:30 -0400  
From: "David Maliniak" <dmaliniak@penton.com>

To: qrp-1@lehigh.edu  
Subject: [45272] Not another one...  
Message-ID: <852567B0.00530AE2.00@mail2.penton.com>  
Mime-Version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-Disposition: inline

... yeah, why not?

>From yesterday's New York Times, believe it or not:

What's the difference between a banjo player and a Treasury note?

Eventually, the Treasury note matures and makes money.

72,  
David N2SMH  
Glen Rock, NJ

-----  
Date: Fri, 16 Jul 1999 08:14:32 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio <qrp-1@Lehigh.EDU>  
Subject: [45273] Power/Antennas  
Message-ID: <Pine.GS0.4.10.9907160808520.15996-1000000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

Hi Folks,

I thought this might be of interest.....

Last night while having that QSO with the fellow in WA I did some checking.....

The other station was using a vertical.

This was done on 40m.

I was peaking at about S8 on his meter using 5w output with the 1000MP into the yagi at 85'.

Then I sent with the FT100 running 50w into the DX77 vertical

mounted at 30'. I was S6.

I next went to 100w with the MP using the yagi and was seen as 10 dB over S9.

The point of this post is to show that the antenna is far more important than the amount of power you are running.

cul,

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 16 Jul 1999 09:13:45 -0600  
From: Brad Mugleston <bmug@gwl.com>  
To: "'qrp-l'" <qrp-l@lehigh.edu>  
Subject: [45274] QST - Milliwatting and Paddle  
Message-ID: <01BECF6B.826BB660.bmug@gwl.com>

Got around to reading some of the latest QST (due to the traffic on the milliwatting article) and on the first page was an interesting paddle - looked like a modified NorCal kit.

Anyone have any data on it?

de KI00T, Brad

-----  
Date: Fri, 16 Jul 1999 10:12:13 -0500  
From: David S Byington <n0xes@juno.com>  
To: qrp-l@lehigh.edu  
Subject: [45275] Fw: Loop Antenna Tuning Capacitor  
Message-ID: <19990716.101456.-88095.2.n0xes@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

I would like to build a loop also. There is a very good article in

november 94 QST about  
making a capacitor using copper pipe and sheets of teflon. It can be used  
with 100 watts and will work great on qrp.. You can also check out  
Ten Tec, they have a kit for  
a capacitor that is used in their high power tuners. I'd love to get  
other feedback on qrp1 about small loops. They look like a lot of fun  
to use and build. there is also a good article about the n1lg 40-40 in  
the november 94 QST

Take Care  
Dave Byington (n0xes)

----- Forwarded message -----  
From: Jerry Albertin <jalbertin@juno.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Date: Fri, 16 Jul 1999 06:47:15 -0400  
Subject: Loop Antenna Tuning Capacitor  
Message-ID: <19990716.064715.12582.0.JAlbertin@juno.com>

Hello All....I'm considering experimenting with some of the small HF loop  
designs I have found but am unable to locate a source for the tuning  
capacitors. The designs call for capacitors in the 400-700uf range.

Anybody know of a source for these? Thanks in advance.....Jerry kg2jf

----- Get  
the Internet just the way you want it. Free software, free e-mail, and  
free Internet access for a month! Try Juno Web:  
<http://dl.www.juno.com/dynoget/tagj>.

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 16 Jul 1999 10:41:29 -0500  
From: Mike <mmorrow@companet.net>  
To: qrp-1@Lehigh.EDU  
Subject: [45276] Question on "miles per watt" calculation  
Message-ID: <378F52A9.5C1E@companet.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Greetings, list!

I have a question about the frequently used MILES PER WATT term. Is the inverse square law used to predict the equivalent distance that would be caused by a one watt signal?

In other words, is it

1. The non-physical method: 1000-mile contact with .1 watt

$$\begin{aligned}\text{Miles for 1 watt} &= (\text{Contact miles}) \times (1 \text{ watt} / \text{Contact watts}) \\ &= 1000 \text{ miles} \times (1 \text{ watt} / .1 \text{ watt}) \\ &= 10000 \text{ miles}\end{aligned}$$

Or is it

2. Inverse Square method: 1000-mile contact with .1 watt

$$\begin{aligned}\text{Miles for 1 watt} &= (\text{Contact miles}) \times \text{Square-root}(1 \text{ watt} / \text{Contact} \\ &\text{watts}) \\ &= 1000 \text{ miles} \times \text{Square-root}(1 \text{ watt} / .1 \text{ watt}) \\ &= 3162 \text{ miles}\end{aligned}$$

It's a silly question, I guess. One usually doesn't know the real path length taken by the signal, among other uncertainties.

If this is an old question, my apology. I only got the QRP bug last year.

Regards,

Mike / KK5F  
(About to start on my new RHR NC20 kit)

-----  
Date: Fri, 16 Jul 1999 08:25:36 -0700  
From: Elliott Lawrence <edl@pacbell.net>  
To: qrp-1@Lehigh.EDU  
Subject: [45277] FS  
Message-ID: <378F4EF0.6B75@pacbell.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Timewave DSP-59+ in excellent condition, EPROM upgrade kit version 3.0 included but not installed. All original packaging. Asking \$180 shipped CONUS. Used only in small pileups and surplus to my needs.

72

Elliott WA6TLA

-----  
Date: Fri, 16 Jul 1999 08:37:35 -0700  
From: Bill Jones <kd7s@psnw.com>  
To: jalbertin@juno.com, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45278] Re: Loop Antenna Tuning Capacitor  
Message-ID: <3.0.6.32.19990716083735.007c3b90@mail.psnw.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Hi Jerry,

Check out the article, "A Homebrew Loop Tuning Capacitors" from the November, 1994 issue of QST. This may help.

At 06:47 AM 7/16/99 -0400, Jerry Albertin wrote:

>Hello All....I'm considering experimenting with some of the small HF loop  
>designs I have found but and unable to locate a source for the tuning  
>capacitors. The designs call for capacitors in the 400-700uf range.

>  
>Anybody know of a source for these? Thanks in advance.....Jerry kg2jf

>  
>-----  
>Get the Internet just the way you want it.  
>Free software, free e-mail, and free Internet access for a month!  
>Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

>  
>  
-----

"...the fruit of the Spirit is love, joy, peace,  
patience, kindness, goodness, faithfulness,  
gentleness and self-control...."

<>< Galatians 5:22-23 >><

-----  
Date: 16 Jul 99 08:56:59 PDT  
From: Michael Fletcher <kl7ixi@usa.net>  
To: qrp-1@Lehigh.EDU  
Subject: [45279] Re: [Re: out-of-call-district callsigns]  
Message-ID: <19990716155659.7050.qmail@www0i.netaddress.usa.net>  
Mime-Version: 1.0

Content-Type: text/plain; charset=US-ASCII  
Content-Transfer-Encoding: quoted-printable  
Content-Transfer-Encoding: quoted-printable

Okay, then lets go to the reciprocal arrangement, such as I had in Turkey=  
when  
I signed TA3/NP2J, where the zone goes before the call. Then Monty will k=  
now  
where to turn his beam!

Lets see now, would that be W4 or K4/KL7IXI? On second thought I'll conti=  
nue  
signing /4.

72,  
Mike KL7IXI/4  
Norcross, GA

-----  
Get free e-mail and a permanent address at <http://www.netaddress.com/?N=3D=1>

-----  
Date: Fri, 16 Jul 1999 12:02:56 -0400  
From: "Franco, Nicholas J" <franco@bnl.gov>  
To: "'qrp-l@lehigh.edu'" <qrp-l@lehigh.edu>  
Subject: [45280] K5FO QSO Last night  
Message-ID: <698DB793D712D31180B600902746422D17C3C8@exchange01.bnl.gov>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

It was a semi strange night on 30m last night. I tuned up and sat in the 10.116 area with the headphones hanging around my neck half listening to a QSO in progress. Then the band did it's normal night time die-out. I was working on the Laptop logging some FISTS contacts in a separate logfile listening to the hisssssss from the hanging cans around my neck.

I guess about a half hour of so passed and then ... what to wondering ears was this sound? Why, it's K5FO calling CQ that I found. :-) I could tell the band was not too stable at all so I gave him a shout but he didn't hear me. He called CQ again and I returned again, still nothing. Then I hear a QRL? up the band a little. Hmmm! I move the VFO up to him and the CQ from Chuck started again. This called for drastic measures. With trembling hand I reached for the RF Gain control on the IC-728. Sometimes you just gotta do it :-) I cranked up the power from my normal 2.3 watts to almost 5 watts and returned to his CQ. Voila - he heard me! We exchanged RST's



and the like, and I could hear him fading into noise as the band started to close back up again (short openings tonight). I tried to send a few more words but figured Chuck wouldn't even hear me on my next turn. We exchanged out 72's and pffffttt! he was gone. I didn't even get to hear that famous dit dit from him at the end :-). But, we made the contact from Long Island's RF Black Hole to Dallas.

One thing cool about 30m, you can just wait a little while (usually within 15-30 minutes) and the conditions change again. All of a sudden on a dead band you begin to hear signals coming up out of the noise and then they QSB into oblivion again.

Thanks for one of your final Q's as K5F0, Chuck. I think our other contacts were all on 40m (not positive) although I vaguely remember a Q on my SW-30 a few years ago - hmmm.

On the Life's Too Short thread .... How about:

Life's Too Short - Save The Ozone - Use QRP! :-)

Have a great weekend all es 72,

Nick - kf2ph . .

Nicholas J. Franco <>> BROOKHAVEN NATIONAL LABORATORY  
Systems Administrator RHIC Project Building 1005  
Tel: (516) 344-5467 UPTON, NY 11973-5000  
Fax: (516) 344-3674 Ham Call: KF2PH  
Email: nickf@bnl.gov <http://www.rhichome.bnl.gov/People/franco>

-----  
Date: Fri, 16 Jul 1999 12:05:21 -0400  
From: "Ed Tanton" <n4xy@att.net>  
To: <logullo@mindspring.com>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45281] RE: If you don't try, you'll never know  
Message-ID: <NBBBJDEEIFDDANGEGHLBEEOBGEAA.n4xy@att.net>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

THAT is what QRP is all about!!! And what I love the most about it. Talk about an answer to the "Life's too short..." remark-there you have it.

72 / 73 Ed N4XY email: <n4xy@arrl.net>

-----  
Date: Fri, 16 Jul 1999 12:16:56 -0400 (EDT)  
From: "Paul R. Valko" <prvalko@oakland.edu>  
To: QRP List <qrp-l@lehigh.edu>  
Subject: [45282] Re: foxhunts?  
Message-ID: <Pine.OSF.3.95.990716121448.6948B-100000@saturn1.acs.oakland.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 16 Jul 1999 someone wrote me asking:

> Hello, i was wondering if you are still the fox hunt coordinator. If so, I  
> would like to be part of it, and be a fox.

Yes... you and everyone else! :-)

We'll be looking for foxii in September, for the October starts!

Stay Tuned to QRP-L for info.

73! =paul= W8KC  
Collector of Ten\*Tecs and other fine plastics  
<<http://www.acs.oakland.edu/~prvalko>>

-----  
Date: Fri, 16 Jul 1999 09:38:04 -0700  
From: Ron <rong@slip.net>  
To: QRP-L@lehigh.edu  
Subject: [45283] RS DSP For Sale  
Message-ID: <378F5FEC.E7F3D80D@slip.net>  
MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

New in box. \$30.00 shipped.

-----  
Date: Fri, 16 Jul 1999 12:50:03 -0400  
From: Zack Lau <zlau@arrl.org>  
To: qrp-1@lehigh.edu  
Subject: [45284] Re: Question on "miles per watt" calculation  
Message-ID: <378F62BB.B69F0AAF@arrl.org>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

No.

What is non-physical about 1/R propagation? Radio signals  
trapped in a duct sometimes show such low losses.--Zack W1VT

-----  
Date: Fri, 16 Jul 1999 09:54:38 -0700  
From: Andy Fox <foxes@theriver.com>  
To: QRP <qrp-1@Lehigh.EDU>  
Subject: [45285] FS - DSP, Tuner  
Message-ID: <378F63CE.AA1F5A67@theriver.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi,

The following items are for sale. Prices do not include shipping. I  
will be at the Ft. Tuthill Hamfest in Flagstaff, AZ (next week!) and  
would be delighted to bring these items and meet the buyer(s) in  
person. I will be at the QRP symposium and staying in the group  
campground. Just look for NorCal Zombie badge #134.

JPS NIR-12 \$200  
MFJ MFJ-949E \$100

...and because I know there are some "electronic musicians" out there...  
Alesis HR-16 MIDI Drum Machine \$100  
Zoom 9002 Effects Processor \$100

I'm selling this stuff to raise money towards an Elecraft K2.

72 es 73

--

Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

-----  
Date: Fri, 16 Jul 1999 09:50:35 -0700  
From: Jim Lowman <jmllowman@ix.netcom.com>  
To: Bcieslak@ra.rockwell.com  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45286] Re: Life's too short  
Message-ID: <378F62DB.E2E676CD@ix.netcom.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bcieslak@ra.rockwell.com wrote:

> the 'Life's too short for QRP' ad has been around for years and we actually had  
> guys in our radio club have t-shirts with that logo just to  
> have fun with the QRP' ers in the group....Fortunately we're thick skinned and  
> clever enough to retaliate in kind. The t-shirts we wore at the  
> next meeting said. QRO....We have better things to do with our money.

That's a good one. I have a black T-shirt that I picked up at HRO (I think the shirts are actually a product of CQ Communications) that says, "QRP IS NOT FOR SISSIES."

> Besides life may be too short for QRP but we sure get the most out of it.....When  
> was the last time you were at a QRO symposium where they gave away door prizes  
> donated by Alpha or Ameritron?

A couple of years ago, one of the prizes at a local ARRL Convention was a gift certificate from Alpha for \$1,000 off any of their amplifiers except the 91B, and it was good for \$500 off that model. This was the big prize at the DX breakfast,

and the guy who won stood up and said that he didn't want it, much to everyone's amazement. Turned out he wasn't a DXer. Not sure why he was at the DX breakfast - hungry, I guess. :-)

72 de Jim - AD6CW

-----  
Date: Fri, 16 Jul 1999 13:04:40 -0400  
From: Michael Maiorana <mikemo@ibm.net>  
To: Alex Mendelsohn <ai2q@ispchannel.com>  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45287] Re: Loop Antenna Tuning Capacitor  
Message-ID: <378F6628.3903461E@ibm.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Alex Mendelsohn wrote:

> Hey Jerry! The statement "Tentec sells new varicaps" sent me to its site to  
> see if that was somehow true. It isn't. They sell variable capacitors.  
> Varicaps are capacitance-variable junction diodes. No misnomers allowed,  
> please. :-)

Those are called VARACTORS. Check your electronics dictionary ;-)  
Let me try again, TenTec sells "grounded rotor, single stator, air variable capacitors". Certainly suitable for a loop antenna project.

--

72 de KU4QO  
Mike Maiorana  
Palm Harbor, FL

"Has anyone seen my youthful exuberance? I must have misplaced it."

-----  
Date: Fri, 16 Jul 1999 13:10:10 -0400  
From: Greg Weinfurtner <weinfurt@oak.cats.ohiou.edu>  
To: qrp-l@Lehigh.EDU  
Subject: [45288] CW HF Grid Squares In August  
Message-ID: <v03110701b3b5169e1641@[132.235.81.136]>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

Gang,

The message I sent to Chuck, w5usj, was a copy of the message I sent out a few weeks ago concerning the TOEC grid square contest. I had made an error in that old message and without thinking I sent the old message to the group. The real dates are:

DATE: CW: 4th weekend in August.  
SSB: 2nd weekend in June

I am flogging myself with R/G 174 coax for goofing this up twice!!  
(I would use 50 ohm hardline, but this is QRP...)

Here is the rules: <http://home.sol.no/~janalme/rules/toecgrid.txt>

Here is the homepage for TOEC: <http://www.qsl.net/toec/>

vy 73 and I apologize again for the error,

NS80

-----  
Date: Fri, 16 Jul 1999 10:17:42 -0700  
From: Ron <rong@slip.net>  
To: qrp-l@lehigh.edu  
Subject: [45289] RS DSP Sold  
Message-ID: <378F6936.7B203B7B@slip.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The RS DSP is sold.

-----

Date: Fri, 16 Jul 1999 12:28:47 -0500  
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>  
To: qrp-l@lehigh.edu  
Subject: [45290] ohr-400 problems/clues!  
Message-ID: <EJGHAFLAGLKOEAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

TO WHOMEVER IS INTERESTED IN MY ONGIONG TROUBLESHOOTING OF MY OHR-400:

Today at lunch I was probing some DC bias points in the vicinity of the transistor I am suspecting, Q100. At one point I measured 1.15 V of Vbe which says the transistor is biased incorrectly. This could be consistent with no AC gain out of the thing! Then, all of a sudden I began to measure 0.75 V which seems more reasonable, as if I knocked some bad connection/open/short back into submission.

So now I want to get it home and see if the thing acts differently on the scope tonight. We'll see.

72,73  
Joel NF9K

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at <http://www.eudoramail.com>

-----  
Date: Fri, 16 Jul 1999 11:31:21 -0600  
From: "Marshall Emm" <mgemm@mtechnologies.com>  
To: CQCList@cqc.org, qrp-l@lehigh.edu  
Subject: [45291] Friday Reminder, CQC Sprint (Gold Rush) Sunday  
Message-ID: <199907161730.LAA08671@edison.chisp.net>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

Don't forget the Gold Rush on Sunday-- conditions are looking pretty good and it should be a lot of fun. Here are the things that make the CQC sprint's different--

The classes are based on antenna type (plus portable) so you are competing only with stations in more or less similar circumstances. All class winners are "co-equal" and anybody can win.

It's only two hours, AND you can work the same station up to three times, so you WON'T get bored, given any propagation at all.

Top scorer in each STATE and DX gets a certificate.

Here come the rules-- hope to work you on Sunday.

---

Forwarded by: pegasus@chisp.net  
Forwarded to: CQC.LIST@edison.chisp.net  
Date forwarded: Mon, 12 Jul 1999 00:05:19 -0600

The Great Colorado Gold Rush  
Sunday, July 18, 1999

Sponsored by the Colorado QRP Club

When: Sunday, July 18, 1999  
Time: 2000-2200 UTC  
Band: 20 meters only  
Mode: CW only  
Power: 5W maximum  
Classes: W, V, B, P

W--WIRE: single element wire; including dipoles, random wires, Zepp, doublets, inverted V, slopers, single element loops, inverted L, etc.

V--VERTICAL: verticals; including single element, ground plane, trapped vertical, or anything with vertical polarization and more or less omnidirectional pattern.

B--BEAM: multi-element arrays/beams; including beams, multi-element loops, phased verticals, V-beam, rhombic, etc.

P--PORTABLE: non-mobile temporary field station; may use any type of antenna.

If you are not sure about your antenna class, send us a description ASAP via E-mail

to rschneid@ix.netcom.com. Operations may be conducted with different antennas

provided all antennas are in the same class.

Exchange: RST + SPC + Class + CQC Member # or Pwr Out. Examples: 559 C0  
V 345 -or- 559 CT P 5W.

Multiple Contacts: The same station may be worked up to three times during the



contest, provided a minimum of 30 minutes has elapsed since the last QSO with the same station.

#### Scoring:

3 points for first contact with a station.  
2 points for second contact with the same station.  
1 point for third contact with the same station.

Multipliers: all multipliers count once over all. Multipliers are SPC's and CQC members worked.

Final Score: QSO Points x SPC x CQC Members = Total Score

Logs: Submit logs showing time (UTC), callsign, exchange and QSO points for each station worked, show totals of multiplier points. Example:

Time Call	SPC	Ant	Mem#/Pwr	Pts
2005 W0CQC	CO	V	132	3
2012 N1FN	CT	W	151	3
2036 W0CQC	CO	V	132	2
2037 KA8OM	MI	P	5W	3
2115 W0CQC	CO	V	132	1
Totals	3	2		12

Dupes: W0CQC - 2005 2036 2115  
SPC: CO CT MI  
CQC#: 132 151

Please include a scoring summary, an alphabetical dupe sheet showing times and calls of multiple contact stations, SPC's and CQC Member numbers. Also include a description of your equipment, antenna(s) used, and power output. Send your comments on the contest. All submissions must indicate entry class and your mailing address including e-mail address if available.

Log Deadline: Logs must be postmarked or emailed no later than 30 days post-contest (August 18, 1999). Logs received after this deadline will be used as check logs only.

Mail: CQC Gold Rush, c/o CQC, POB 371883, Denver CO 80237-1883

E-mail: contest@cqc.org All E-mail submissions should be in ASCII format only. And you must include a scoring summary.

Awards: Awards will be given for the highest score in each class, for the highest score in each state, and for the highest score from a DX station (including Canada).

73  
Marshall Emm  
N1FN/VK5FN  
n1fn@MorseX.com  
Morse Express and Oak Hills Research  
"Everything for the Morse Enthusiast"  
<http://www.MorseX.com>  
<http://www.ohr.com>  
(303)752-3382  
--

-----  
Date: Fri, 16 Jul 1999 11:34:45 -0600  
From: "Carl Zmola" <zmola@campbellsci.com>  
To: qrp-l@lehigh.edu  
Subject: [45292] Re: Attack of the Condo Commandos..  
Message-ID: <19990716173300986.AAA282@carl-zmola>  
MIME-Version: 1.0  
Content-type: text/plain; charset=US-ASCII  
Content-transfer-encoding: 7BIT  
Content-Transfer-Encoding: 7BIT

> I looked at one place (> 3 acres, plenty of room for antennas) and  
> discovered that it had a 'no antennas' covenant. There were no  
> restrictions on animals, however. I briefly considered giving up ham  
> radio for pig farming.

If you wan't I'll send you plans for a 3 sow phased system, but it really does annoy the pigs.

Carl  
zmola@campbellsci.com

-----  
Date: Fri, 16 Jul 1999 10:59:05 -0700  
From: "Kory Hamzeh" <kory@avatar.com>

To: <turnerw@email.uah.edu>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45293] RE: Life's too short ...  
Message-ID: <001901becfb4\$e527b440\$14ce21c7@tomcat.avatar.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

> >  
> > Now, how can we hijack this Life's Too Short phrase?  
> >  
>  
> Life's too short for \$1,000 finals.  
>  
> 73 Bryan W8LN

How about: Life's too short to be an unskilled operator.

73,  
Kory  
AC6RN

-----  
Date: Fri, 16 Jul 1999 14:10:16 -0400  
From: hamjoel@juno.com  
To: qrp-1@lehigh.edu  
Subject: [45294] milli watt measuring  
Message-ID: <19990716.141107.-298133.0.hamjoel@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

High gang:

As much as I've told myself I would not bow to milliwatting... I have been challanged (no ... let's not discuss the "other" challenges I have... :-)) and am seriously thinking about it...

I have my handy-dandy mftj 941E "chuner" that has marks at .5 and 1 watts and I was wondering..... IFFIN I.....

put a 50 ohm resistor on the output and measure the power using that set up....

or (as I don't have such a resistor)

chuning the rig with the tuner to my ant so that.....

I null the swr indicator... peak the null....

and adjust the xmtr cap so that :

(sound like a lawyer here... hee hee)

the foreward power meter stops exactly when the swr meter starts to change....

in cajun language... Peak the power out at the swr null Peak.... kinda

peak to negative peak power adjustment.... hee hee

Any body got any problems with that???? spleak now or forever spleak not of it... hee hee :=)

My Cajun Mama wants to see a milli whatever.... boy am I in trouble....

Joel KE1LA

In Maine

-----  
Get the Internet just the way you want it.

Free software, free e-mail, and free Internet access for a month!

Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 16 Jul 1999 13:20:19 -0500

From: "Jerry Decker" <n5rv@hex.net>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [45295] Testing

Message-ID: <003e01becfb7\$dcd27f20\$0201a8c0@jdecker>

I'm having a problem posting to this list. I have had this problem before and had to unsub and then resub. Anyone else had this problem?

-----  
N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969

Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW

ARRL Member

---

-----  
Date: Fri, 16 Jul 1999 13:40:36 -0500

From: "Jerry Decker" <n5rv@hex.net>

To: <n5rv@hex.net>, "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Subject: [45296] Re: Testing

Message-ID: <005201becfba\$b30d1bc0\$0201a8c0@jdecker>

Well, this one came thru. Can't understand why the first 2 posts did not.

-----  
N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969  
Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW  
ARRL Member  
---

----- Original Message -----

From: Jerry Decker <n5rv@hex.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Friday, July 16, 1999 1:20 PM  
Subject: Testing

> I'm having a problem posting to this list. I have had this problem before  
> and had to unsub and then resub. Anyone else had this problem?  
>  
> -----  
> N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969  
> Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW  
> ARRL Member  
> ---  
>  
>

-----  
Date: Fri, 16 Jul 1999 14:00:42 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-l@Lehigh.EDU  
Subject: [45297] Re: out-of-call-district callsigns  
Message-ID: <27681-378F815A-13770@postoffice-112.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

I have worked several dx stations when I had no idea exactly where they were due to special calls, lack of knowledge etc. The old adage, "work um first, sort it out later " still is good advice. If you can hear the station well enough to work him and you wish to work him, does it matter where he is ? If the station dosent help you fullfill some goal you are working for, smile and go on, at least you had a good contact with a fellow cw operator somewhere.

K1zw/5 <g>

-----  
Date: Fri, 16 Jul 1999 14:15:16 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-1@Lehigh.EDU  
Subject: [45298] 72  
Message-ID: <27681-378F84C4-13832@postoffice-112.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

I should know this, but what does a 72 mean?  
K1zw

-----  
Date: Fri, 16 Jul 1999 12:41:44 -0700 (PDT)  
From: David J Adams <adamsclan@netgate.net>  
To: cebik@utkux.utcc.utk.edu, qrp-1@Lehigh.EDU  
Subject: [45299] Re: French QRP  
Message-ID: <199907161941.MAA03333@u1.netgate.net>

Nice to see someone else reads megahertz. It is a great magazine and every issue (almost) has a construction article.

73 de dave, n9uxu

-----  
Date: Fri, 16 Jul 1999 16:30:44 EDT  
From: K2UD@aol.com  
To: qrp-1@lehigh.edu  
Subject: [45300] 2N2/40 progress  
Message-ID: <b3da847e.24c0f074@aol.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

This is more of a rave about W4EEX (I believe that's the call), who I heard on 7040 yesterday while checking out the VFO in the 2N2/40s I am building. He was running 750mw from a Ramsey. I heard him with my ICOM 751 ( ehem,

signal analyzer) with no more than a piece of wire as a pickup antenna! He was in the noise, but copiable.

Oh, the VFO in both 2N2/40s provides very sufficient range, and right in the ballpark too. It will work better when I am not using my questionable alligator clip leads, those devices that no builder can do without, but sometimes wish they could do without!

On to the rest of the RCVR.

72 all

Howard Kraus, K2UD

The bands are quiet, there must be a lot of solder melting lately!

-----  
Date: Fri, 16 Jul 1999 13:38:32 -0700 (PDT)  
From: Monte Stark <ku7y@dri.edu>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45301] RE: Life's too short ...  
Message-ID: <Pine.GS0.4.10.9907161333510.20055-100000@rotor.dri.edu>  
MIME-Version: 1.0  
Content-Type: TEXT/PLAIN; charset=US-ASCII

On Fri, 16 Jul 1999, Kory Hamzeh wrote:

> > Life's too short for \$1,000 finals.  
> >  
>  
> How about: Life's too short to be an unskilled operator.  
>

The only thing wrong with that is that running full power does not make anyone an unskilled operator any more than running QRP makes anyone a skilled operator!

It's all in how the power (whatever amount) is used!

Skill is not a function of power but rather of work! :-)

73, Ron, SOWP 5545M,

.....KU7Y.....ARCI #8829.....Monte "Ron" Stark.....  
....ku7y@sage.dri.edu.....Washoe Lake, Nevada.....  
....QRP-L #17...ARS #49...NorCal #330.....NRA LIFE.....

-----  
Date: Fri, 16 Jul 1999 21:35:14 +0100  
From: "Andy GM0NWI" <gm0nwi@tesco.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [45302] Ham Home Pages Needed .....  
Message-ID: <000101becfca\$b64262e0\$101bac3e@andy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Hi Gang,

Anybody out there got the proper home pages  
of ICOM, YAESU, KENWOOD ...

I have an trio/Kenwood General Coverage Receiver  
that is need of new original replacement screws for the  
caseings.....

Anyone help me..?

72 de Andy GM0NWI           "Long Live QRP!!"  
gm0nwi@tesco.net

-----  
Date: Sun, 11 Jul 1999 07:00:20 -0600  
From: "William R. Colbert" <af852@rgfn.epcc.edu>  
To: qrp-1@lehigh.edu  
Subject: [45303] Re: Loop Antenna Tuning Capacitor  
Message-ID: <37889564.21299778@rgfn.epcc.edu>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Another article showing homebrew capacitors was by:

Jay Rusgrove - WA1LNQ at that time, and was entitled  
"The Trombone Trimmer" - How to build your own variable  
capacitors".



It was published in the November 1975 issue of QST page 22.

--

"Politicians are like nappies. Both should be  
changed regularly -- and for the same reason"  
"Scotsman - Scotsman's Diary 12/97"

-----  
Ray Colbert, W5XE, 00TC 3618, SOWP 1064M NCT2  
(also w5xe@juno.com El Paso, (FAR WEST) TEXAS

-----  
Date: Fri, 16 Jul 1999 13:58:53 -0700  
From: Andy Fox <foxes@theriver.com>  
To: QRP <qrp-l@Lehigh.EDU>  
Subject: [45304] NIR-12 Spoken For  
Message-ID: <378F9D0C.3DC43268@theriver.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

The NIR-12 has been spoken for. The other items are still available.

--

Andy Fox - KK7HV - Tucson, AZ USA - DM42 - QRP-L #1286

-----  
Date: Fri, 16 Jul 1999 17:07:12 -0400  
From: "Ed Hare, W1RFI" <w1rfi@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [45305] A bit o' publicity for the Ft Tuthill QRP Symposium!  
Message-ID: <378F9F00.5ADA@arrl.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

>From today's ARRL Letter:

W1AW GOES ON THE ROAD WITH THE TUNA TIN 2

Every once in a while, W1AW is operated portable at ARRL conventions,  
and that's about to happen again--with a twist that QRP fans will  
applaud. W1AW will appear July 23-25 at the ARRL Arizona State  
Convention at Ft Tuthill, Flagstaff, Arizona (see  
<http://www.hamsrus.com/fttuthill.html>).

ARRL Laboratory Supervisor Ed Hare, W1RFI, was especially pleased to have been invited because he's an avid low-power operator--a QRPer--and the annual Ft Tuthill event is the site of a QRP symposium. The symposium, held in conjunction with the convention, is hosted by the Arizona ScQRPions--an Arizona QRP club.

To add some spice to the occasion, Hare will operate from the convention site as W1AW/7/QRP using the recently resurrected original Tuna Tin 2--the famous Doug DeMaw QRP classic rig built and published in the mid 1970s. (see "The Tuna Tin 2 Revival" in The ARRLWeb Extra, June 15, 1999, <http://www.arrl.org/members-only/extra/archive/1999/0615.html>.)

Look for the original Tuna Tin 2 as W1AW/7/QRP near 7040 kHz July 23-25. A QSL and a nice certificate are available for a 9x12 SASE (\$0.44 postage required) to all who work the Tuna Tin 2. QSL via ARRL HQ. Convention visitors accompanied by a copy of their ham ticket are invited to stop by the ScQRPions booth and operate the Tuna Tin 2.

Hare plans to operate the Tuna Tin 2 using his own call sign from his hotel after convention hours or from various campsites in the Grand Canyon area July 25-28. Look for W1RFI/QRP near 7040 kHz during the evening hours. For W1RFI contacts, a QSL and certificate will be sent directly by W1RFI.

-----  
73 from QRP's low friend in high places in the ARRL Lab,  
Ed, W1RFI

-----  
Date: Fri, 16 Jul 1999 16:09:05 -0500  
From: "Jerry Decker" <n5rv@hex.net>  
To: "Low Power Amateur Radio" <qrp-1@Lehigh.EDU>  
Subject: [45306] QRO Gear - 2nd try  
Message-ID: <002801becfcf\$70c82f60\$0201a8c0@jdecke>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Well, may this one will go thru. I had my send option set as HTML. Maybe that is why it would not go thru the last half-a-billion times.

-----

Sorry if I offend anyone by posting this here, but I have had this posted in the newsgroups for the past week and have had no response. I thought I would offer it to those here on this maillist. It can be turned down to below 5 watts, so you could use it for QRP. I have had several QSO's with this rig running under 5 watts. I have only used this rig on CW, so I am not sure of it's SSB quality or functionality.

Maybe this weekend, I will post another item here that has been seen before and had sold rather quickly and that is a Sony ICF-SW100 pocket shortwave receiver. My birthday is this weekend and depending what the wife gives me, I may no longer need this little radio. Stay tuned!

de Jerry N5RV

-----  
FS: YAESU FT901DM \$300  
DFW AREA ONLY

YAESU FT901DM (NON-WARC) \$300  
WITH:  
Hand Mic - Yaesu (stock) no connector (using on desk mic).

Will supply connector and you can re-wire the hand mic your self.

Radio is in Very Good condition (9 of 10).

Would rather sell outright for cash, but willing to discuss trades for other QRP or Kit radios/accessories, or CW paddles (no Bencher, please), or "what-have-you".

If you would like a full discription of the Yaesu FT901DM, please click the URL below and scroll down to the proper section:

-----  
N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969  
Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW  
ARRL Member  
---

-----  
Date: Fri, 16 Jul 1999 16:14:47 -0500 (CDT)  
From: ac5ez@webtv.net (Larry B)  
To: qrp-l@Lehigh.EDU  
Subject: [45307] 72

Message-ID: <3680-378FA0C7-208@postoffice-113.iap.bryant.webtv.net>  
Content-Disposition: Inline  
Content-Type: Text/Plain; Charset=US-ASCII  
Content-Transfer-Encoding: 7Bit  
MIME-Version: 1.0 (WebTV)  
Content-Transfer-Encoding: 7Bit

Thanks for all the responses, I should have known that, but it fell  
thru the cracks somehow. I believe I will stick to the ole 73 as being  
more traditional .  
k1zw

-----  
Date: Fri, 16 Jul 1999 16:18:19 -0500  
From: "Joel Frederick Kluender" <nf9k@eudoramail.com>  
To: qrp-1@lehigh.edu  
Subject: [45308] Fairchild Website - Cool!  
Message-ID: <HGGNHFIIMDHPEAAA@shared1-mail.whowhere.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

QRP'ers,

Check out the following website

<http://www.fairchildsemi.com/products/>

This has lots of descriptions and data sheets for their products, including  
discrete transistors such as the 2N5770 I was searching for in AltaVista

It's a good website with lots of info useful to builders/designers.

Joel NF9K

Join 18 million Eudora users by signing up for a free Eudora Web-Mail account at  
<http://www.eudoramail.com>

-----  
Date: Fri, 16 Jul 1999 16:22:22 -0500  
From: "Jerry Decker" <n5rv@hex.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45309] Re: QRO Gear - 2nd try

Message-ID: <000801becfd1\$4bb7be00\$0201a8c0@jdecker>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 8bit  
Content-Transfer-Encoding: 8bit

Well, it just shows I can mess just about anything up.

Here is the URL for the FT901DM should anyone want to see more specs.

<http://www.qex.net/k7on/boats/foxtango.htm>

Tnx es 72, 73 de Jerry N5RV

-----  
N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969  
Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW  
ARRL Member  
---

----- Original Message -----

From: Jerry Decker <n5rv@hex.net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Sent: Friday, July 16, 1999 4:09 PM  
Subject: QRO Gear - 2nd try

> Well, may this one will go thru. I had my send option set as HTML. Maybe  
> that is why it would not go thru the last half-a-billion times.  
> -----  
> Sorry if I offend anyone by posting this here, but I have had this posted  
in  
> the newsgroups for the past week and have had no response. I thought I  
would  
> offer it to those here on this maillist. It can be turned down to below 5  
> watts, so you could use it for QRP. I have had several QSO's with this rig  
> running under 5 watts. I have only used this rig on CW, so I am not sure  
of  
> it's SSB quality or functionality.  
>  
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before  
> and had sold rather quickly and that is a Sony ICF-SW100 pocket shortwave  
> receiver. My birthday is this weekend and depending what the wife gives  
me,  
> I may no longer need this little radio. Stay tuned!  
>  
> de Jerry N5RV

>  
> -----  
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> FS: YAESU FT901DM \$300  
> DFW AREA ONLY  
>  
> YAESU FT901DM (NON-WARC) \$300  
> WITH:  
> Hand Mic - Yaesu (stock) no connector (using on desk mic).  
>  
> Will supply connector and you can re-wire the hand mic your self.  
>  
> Radio is in Very Good condition (9 of 10).  
>  
> Would rather sell outright for cash, but willing to discuss trades for  
other  
> QRP or Kit radios/accessories, or CW paddles (no Bencher, please), or  
> "what-have-you".  
>  
> If you would like a full discription of the Yaesu FT901DM, please click  
the  
> URL below and scroll down to the proper section:  
>  
>  
> N5RV Jerry Decker - Red Hot NC20 - G-QRP #10353 - QRP-L # 1969  
> Irving, Texas - EM12MT - N32 48' 17'', W96 57' 31'' - 14.060MHz CW  
> ARRL Member  
> ---  
>

-----  
Date: Fri, 16 Jul 1999 16:28:51 -0500  
From: applitech@mcg.net (Claton Cadmus)  
To: "QRP-1" <qrp-1@lehigh.edu>  
Subject: [45310] Need SWL Progam List  
Message-ID: <068b01becfd2\$5bcd1000\$a10a5e2c@groucho>

Surely some of you must be SWL'ers too. Would you be willing to share your  
program listings for Ham Radio/SWL shows? How about some good SWL  
websites? And when/where is Arnie's show on?

Thanks and 73 de KA0GKC Claton Cadmus  
cla@mcg.net  
MNQRP #1  
Minnesota QRP'ers we're looking for you!  
Email me or visit this page <http://www.qsl.net/mnqrp>

-----  
Date: Fri, 16 Jul 1999 17:31:49 -0400  
From: "Dennis & or Jennie" <denjen92@net-link.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [45311] Grounds?  
Message-ID: <000701becfd2\$9ddada40\$e78f59cf@default>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

To The Most Wise Group,  
When operating portable if you use an antenna tuner such as the MFJ QRP  
type. Is it necessary to take along an 8 ft. ground rod and pound it in the  
ground at every place you wish to operate? What are other possible solutions  
to the Ground problem if there are no grounds available? Would a counter  
poise be sufficient? Please help answer these questions. By the way the  
station in question would consist of an SW40+, MFJ QRP tuner, 12 volt gel  
cell and a 40 meter di-pole with a 1:1 Radio Works Balun fed with coax.  
Thanks in advance for the help.  
72/73  
Dennis KB8SOJ QRP-L# 1928 MI-QRP 1649

-----  
Date: Fri, 16 Jul 1999 21:38:45 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-1@lehigh.edu  
Subject: [45312] GET Grid Squares This way:  
Message-ID: <378FA665.4FC@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

For those that need it, visit [geocode.com](http://geocode.com) and enter in  
the address you need the grid square for.  
Go to [arrl.org](http://arrl.org) and enter is for your 6 character square and  
subsquare. I hope this helps.

-Ed we6w

Procedure:

<http://www.geocode.com/eagle.html-ssi>

once you have the Lat./Long., if you want the six digit grid square, you can convert it using:

<http://www.arrl.org/locate/grid.html>

(For decimal degree form, just enter the complete number in the degrees space)

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

-----

Date: Fri, 16 Jul 1999 14:42:43 -0700 (PDT)  
From: David J Adams <adamsclan@netgate.net>  
To: qrp-l@lehigh.edu  
Subject: [45313] David Donaldson  
Message-ID: <199907162142.0AA11886@u1.netgate.net>

David Donaldson (WB7DRU). Please contact me ASAP regarding the CD.

73 de dave, n9uxu

Sorry to waste the 'width, but I can't find the address.

-----

Date: Wed, 14 Jul 1999 16:51:30 +0000  
From: Arjen Raateland <Arjen.Raateland@vyh.fi>  
To: mikemo@ibm.net  
Cc: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45314] Re: Loop Antenna Tuning Capacitor  
Message-ID: <378CC011.28CF@vyh.fi>  
MIME-version: 1.0  
Content-type: text/plain; charset=us-ascii  
Content-transfer-encoding: 7bit  
Content-Transfer-Encoding: 7bit

Michael Maiorana wrote:



>  
> > Varicaps are capacitance-variable junction diodes. No misnomers  
>  
> Those are called VARACTORS. Check your electronics dictionary ;-)

Mike and all,

In Europe the diode thingies are called varicaps if they're for tuning and varactors if they're power devices for RF power multipliers.

I have never seen such varactors being used in HF gear, however. They were more typical in UHF gear in the 60's and 70's, I think.

I once started building a tripler to get a 70 cm FM signal from my 2 m FM signal. It used a BAY70 in a studded case if I remember correctly. Frequency multiplying in a varactor occurs because of the non-linear capacitance vs. voltage characteristics of the device at large voltage excursions, i.e. high RF input voltages.

Of course this thread was about case of using the wrong name for a variable capacitor, but it follows from the above that it would probably be a distinctly bad idea to use a varicap/varactor to tune a loop antenna, if the antenna is going to be used for TXing at more than the mW level. Expect lots of harmonics generated in the antenna!

73,  
Arjen, OH2ZAZ  
--  
Arjen Raateland  
SAS Support  
Finnish Environment Institute, Helsinki

AX.25: OH2ZAZ@OH2RBI.FIN.EU

-----  
Date: Fri, 16 Jul 1999 17:03:12 -0500  
From: "Randall K. Kennard" <Firefox@Southwind.Net>  
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [45315] Testing  
Message-ID: <378FAC1F.11DDBD14@Southwind.Net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Testing  
Testing  
Testing

is it on ?  
is it on?.....

-----  
Date: Fri, 16 Jul 1999 17:58:44 -0400  
From: John R Kirby <n3aaz-qrp@juno.com>  
To: qrp-1@Lehigh.EDU, psk31@qth.net  
Subject: [45316] PSK-31- V1.07  
Message-ID: <19990716.180105.-20105.0.n3aaz-qrp@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang,

PSK-31 is one super weak signal mode.

New version (1.07) for Windows 3.1, Windows 95/98, Windows NT with Soundblaster. (At least a 486/33, perhaps less with slower rates). With Soft-decision Viterbi, better squelch, and a much better AFC. Now with Slash-0 configurable on reception. Tnx, G3PLX >>p31sbw107.zip<< at >><http://aintel.bi.ehu.es/psk31.html><< tnx, EA2BAJ.

Proposed frequencies for PSK31 QSO

- The plan for PSK31 activity has always been (since PSK31 started just 3 years ago) to concentrate activity starting from the bottom edge of the IARU RTTY bandplan, expanding upwards as activity increased. The exception is in the 10mts band in order to give non full privileges ham to meet. It was defined as 150 Hz above it. Keep in mind that all you need is about 100 Hz as channel separation.

1838.150  
3580.150  
7035.150  
10140.150  
14070.150  
18100.150  
21080.150  
24920.150  
28120.150

John  
N3AAZ  
FM19xa

-----  
Get the Internet just the way you want it.  
Free software, free e-mail, and free Internet access for a month!  
Try Juno Web: <http://dl.www.juno.com/dynoget/tagj>.

-----  
Date: Fri, 16 Jul 1999 23:17:58 +0100  
From: "Andy GM0NWI" <gm0nwi@tesco.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>  
Subject: [45317] Trio/Kenwood R2000 enquiry...  
Message-ID: <000201becfd9\$3fff4760\$a115ac3e@andy>  
MIME-Version: 1.0  
Content-Type: text/plain;  
        charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Just a little "extra" for a posting a few minutes ago  
by me...

Does anyone know where I can DEFINATLEY get the  
replacement screws AND caseings for my R2000 receiver..??

S'pose it'll be in the states somewhere, but need to know even if kenwood  
would stock them or if I need to go to another supplier... it's purely for  
athstetics...

72s de Andy GM0NWI           "Long Live QRP!!"  
gm0nwi@tesco.net

-----  
Date: Fri, 16 Jul 1999 22:27:35 +0000  
From: Brian Short <bshort@speedchoice.com>  
To: qrp-1@lehigh.edu  
Subject: [45318] Re: Life\'s too short ...  
Message-ID: <4.1.19990716222603.02fad6f0@mail.phoenix.speedchoice.com>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"

How about "To Each, His Own"

Or, "Whatever Floats Your Boat"

Or, "If It Feels Good, Do It"

...

--

Brian K. Short <http://www.qex.net/k7on/> <mailto:k7on@arrl.net>

--

-----

Date: Fri, 16 Jul 1999 17:34:29 -0500

From: "Steve Yates, AA5TB" <aa5tb@swbell.net>

To: <denjen92@net-link.net>, "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>

Subject: [45319] Re: Grounds?

Message-ID: <006301becfdb\$61be4700\$0a37a497@aa5tb>

MIME-Version: 1.0

Content-Type: text/plain;  
charset="iso-8859-1"

Content-Transfer-Encoding: 7bit

Content-Transfer-Encoding: 7bit

"an SW40+, MFJ QRP tuner, 12 volt gel cell and a 40 meter di-pole with a 1:1  
Radio Works Balun fed with coax"

Dennis,

With the setup you describe no ground is necessary for operation at all except to possibly bleed off electrostatic charges. Since you will be using a battery, there is no A/C safety issue. Since your using a balanced balun fed dipole antenna, no ground or counterpoise is necessary for proper RF operation. On a dusty, windy day a significant electrical charge could build up on the antenna and give you a healthy shock. To eliminate this problem, only a short ground rod would be necessary.

I don't use one in my portable operations.

73,

Steve Yates - AA5TB

Fort Worth, TX - EM12gs

<http://home.swbell.net/aa5tb>

-----  
Date: Fri, 16 Jul 1999 22:48:38 +0100  
From: Peter Larsen <larsenp@cadvision.com>  
To: n6wg@earthlink.net  
Cc: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>  
Subject: [45320] Re: Life's too short ...  
Message-ID: <378FA8B6.F5C0B79C@cadvision.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Bob Tellefsen wrote:

> Now, how can we hijack this Life's Too Short phrase?

Why not just use the other phrase that goes with the  
"Life is to short..."

QRP isn't for sissies.

Now if I could just get a shirt with one slogan on the front and  
one on the back...

Have fun.  
Peter  
VE6YC

-----  
Date: Fri, 16 Jul 1999 22:54:21 +0000  
From: Ed Loranger <we6w@qsl.net>  
To: qrp-1@lehigh.edu  
Subject: [45321] Pssst, buddy. Gotta spare ICF-6800W?  
Message-ID: <378FB81D.7A42@qsl.net>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit  
Content-Transfer-Encoding: 7bit

Gang, I have a general coverage rx, a Sony ICF-6700W  
wit a few problems. I fixed most but still need to  
clean the band switch.

Anyway, I digress. Basically, if any of you know where I can get the better unit, the Sony ICF-6800W, I'd probably be able to work a great trade for something.

I don't know much about the 6800W, but I hear it may be the best rcvr around without all the digital stuff in it. (Technical phrase complements of me 8-D)

Will be able to check email Monday for responses. Until then, it's time to load up the U-haul trailer and move across town.

Have a great weekend. I'll QNI the WSN-40 net on Saturday if time permits (I'm planning to), and might even use the NC-49'er to boot. I have peaked the front end today and need to check it out on the air for that elusive first QS0.

72/Ed Loranger ARS WE6W Bumblebee #101, Yosemite Bound 7/23-8/1.

--

-Ed AR Millennium Q's=>900/2000 QRP-L#1068 BB#101  
72, Ed WE6W, A-1 OP; <http://www.qsl.net/we6w> Santa Rosa, CA  
QRP-Z#106 AR#112 HI-QRP#64 NC#2227 ARCI#9397 ARS#275

-----  
End of QRP-L Digest 1520

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